

Recombinant Proteins: High Activity & High Purity

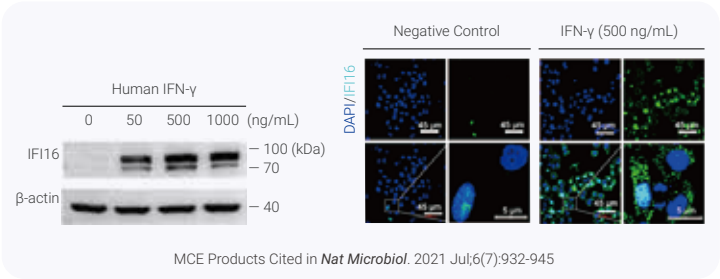
10,000+ commonly used recombinant protein products

Cytokines	HY-P7080 Mouse IL-4	HY-P7025 Human IFN-gamma	HY-P70553 Mouse M-CSF
	HY-P7223 Human IL-6R alpha	HY-P7287 Human SDF-1 beta/CXCL12	HY-P7028 Human IL-1β
Target Proteins	HY-P70691 Human CTLA-4	HY-P7656 Mouse BCMA/TNFRSF17	HY-P75189 Human FGL1
	HY-P70632 Mouse PD-L1	HY-P72019 Human Siglec-2/CD22	HY-P72359 Human CD47
CD Antigens	HY-P70090 Cynomolgus CD3 epsilon	HY-P70486 Human CD28	HY-P70147 Human Neuropilin-1
	HY-P72702 Human CD8 beta	HY-P7321 Human B7-1/CD80	HY-P7471 Human ALCAM/CD166
Biotinylated Proteins	HY-P70721 Human PD-L1	HY-P70768 Human CD79B	HY-P72909 Human CD40
	HY-P70767 Human Siglec-15	HY-P71056 Human TGF beta 1/TGFB1	HY-P70770 Human TROP-2
Viral Proteins	HY-P7429 SARS-CoV-2 3C-like Proteinase	HY-P7436 SARS-CoV-2 S1 Protein	HY-P74883 HIV-1 gp140
	HY-P7437 SARS-CoV-2 Nucleocapsid	HY-P70127 SARS-CoV-2 NSP1	HY-P73232 Influenza A H1N1 HA
Receptor Proteins	HY-P7485 Human Activin RIB/ALK-4	HY-P70552 Human VEGFR-2	HY-P70793 Human TrkB
	HY-P70490 Human Fc gamma RIIIA/CD16a	HY-P70714 Human HGFR	HY-P70352 Human GLP1R
Enzymes & Regulators	HY-P7745 Human Cathepsin A	HY-P70351 Mouse MMP-9	HY-P70010 Human CD73/5'-Nucleotidase
	HY-P7442 Human ACE2	HY-P70051 Mouse Aminopeptidase N/CD13	HY-P73090 Mouse GSK-3 beta
Complement System Proteins	HY-P7863 Mouse Complement C3/C3a	HY-P70031 Human CFHR2	HY-P74371 Human C7
	HY-P7864 Human Complement C5/C5a	HY-P70055 Human CFHR1	HY-P7890 Human Complement factor H/CFH
GMP-grade Proteins	HY-P7032G Human GMP IL-12	HY-P70637G Human GMP TPO	HY-P7109G Human GMP EGF
	HY-P70755G Human GMP IL-7	HY-P70757G Human GMP SCF	HY-P70610G Human GMP IFN gamma

Customer Validation

Experimental Details:

IFI16 expression in human lung cancer cells (A549) treated with IFN-γ (Cat# HY-P7025) for 18 h was determined by western blot. Intracellular localization of IFI16 in A549 cells treated with IFN-γ for 12 h was determined.



MCE Kits: To Simplify Your Experiments

100+ high-quality, cost-effective, and ready-to-use kits

Prevent Protein Degradation During Sample Preparation	HY-K0010 Protease Inhibitor Cocktail (EDTA-Free, 100× in DMSO)	PCR	HY-K0532 2 × Fast PCR Master Mix (with Dye)
	HY-K0011 Protease Inhibitor Cocktail, mini-Tablet (EDTA-Free)		HY-K0533 2 × High-Fidelity PCR Master Mix
IP/Co-IP/CHIP/ Pull Down	HY-K0201 Anti-HA Magnetic Beads	Real-time PCR	HY-K0501A SYBR Green qPCR Master Mix (Universal)
	HY-K0202 Protein A/G Magnetic Beads		HY-K0521 SYBR Green qPCR Master Mix (High ROX)
	HY-K0208 Streptavidin Magnetic Beads		HY-K0522 SYBR Green qPCR Master Mix (Low ROX)
Antibody/ Protein Purification	HY-K0213 Protein A Agarose	Cell Viability and Toxicity Detection	HY-K0301 Cell Counting Kit-8
	HY-K0214 Protein G Agarose		HY-K1090 Cytotoxicity LDH Assay Kit
	HY-K0210 Ni-NTA His-Tag Purification Agarose	RT-PCR	HY-K0511A RT Master Mix for qPCR II (gDNA digester plus)
Mitochondria Isolation	HY-K0217 Anti-Flag Affinity Gel		HY-K0601 JC-1 Mitochondrial Membrane Potential Assay Kit
	HY-K1060 Mitochondria Isolation Kit for Cultured Cells	Cell Apoptosis Detection	HY-K1070 Apoptosis and Necrosis Assay Kit
Exosome Related	HY-K1061 Mitochondria Isolation Kit for Tissue		HY-K1071 Cell Cycle and Apoptosis Analysis Kit (PI staining)
	HY-K1062/HY-K1063 Exosome Isolation and Purification Kit		HY-K1073 Annexin V-FITC/PI Apoptosis Detection Kit
	HY-K1064 Exosome Protein Detection Kit (CD63 & TSG101)		HY-K1078 One Step TUNEL Apoptosis Detection Kit (FITC)

More Products & Services

- Various Inhibitory Antibodies
- 300+ Biochemical Assay Reagents
- 600+ Dye Reagents
- 2,000+ Peptides
- 6,000+ Isotope-Labeled Compounds
- Wide range of product lines
- Strong synthesis capabilities of small molecules
- R&D platform for **Recombinant proteins**, Chemistry **small molecules**, **Oligonucleotides**, **ADC**, **PROTAC** and **Stable Isotope-Labeled Compounds**

MedChemExpress Europe

Tel: + 46 86500910      E-mail: eu.sales@MedChemExpress.com

Address: Bergkällavägen 37C, 192 79 Sollentuna, SWEDEN

For research use only. We do not sell to patients.

Master of Bioactive Molecules

www.MedChemExpress.com

MCE END of YEAR PROMOTION

01/09/2022

31/12/2022



10% OFF

on all MCE products & customized services

€200

voucher offered for bioactive screening libraries including cherry-picked libraries

Please note

1. 10% off on all MCE products including customized & bulk orders.
2. The voucher will be shipped together with your order during the promo period.
3. The voucher is applicable for all screening library orders (including cherry picked libraries) with value of over 1,000 EUR.
4. Please use the voucher code when asking for a quote/placing an order via MCE website [www.MedChemExpress.com](http://www.MedChemExpress.com) or email to [eu.sales@MedChemExpress.com](mailto:eu.sales@MedChemExpress.com).
5. The voucher is valid until **30 June, 2023**.
6. The voucher cannot be used in conjunction with any other promotions/discounts.





Inhibitors & Agonists: Accelerate Drug Discovery

- 40,000+ Specific Inhibitors & Agonists
- Targeting 1,000+ key proteins in 20 signaling pathways
- Widely used in hot research fields of biology, chemistry, medicine and pharmacology
- Constantly introducing new products with the help of a 600-strong R&D team

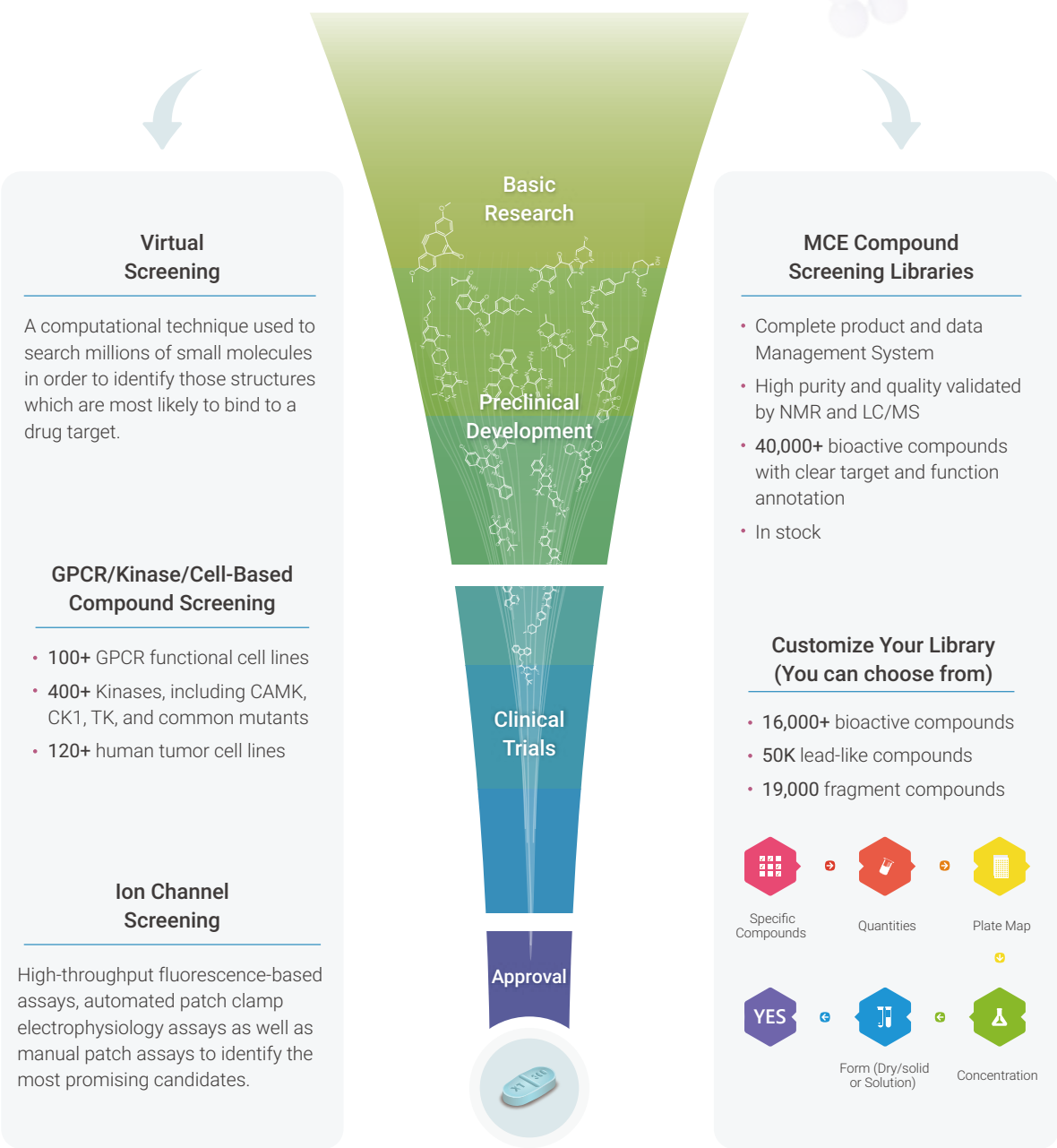
Top Selling Products

HY-100579 Ferrostatin-1 Ferroptosis Inhibitor	HY-13948 Angiotensin II human Vasoconstrictor	HY-10162 Olaparib PARP Inhibitor	HY-15142 Doxorubicin Chemotherapeutic agent
HY-10219 Rapamycin mTOR Inhibitor	HY-15371 Forskolin Adenylate Cyclase Activator	HY-10583 Y-27632 ROCK Inhibitor	HY-15409 Empagliflozin SGLT-2 Inhibitor
HY-11109 Resatorvid TLR4 Inhibitor	HY-15608 MPTP Dopamine Neurotoxin	HY-114153 PLX5622 CSF1R Inhibitor	HY-15531 Venetoclax Bcl-2 Inhibitor
HY-114277 Sotorasib KRAS G12C Inhibitor	HY-15763 Erastin Ferroptosis Inducer	HY-12815A MCC950 NLRP3 Inhibitor	HY-17589A Chloroquine Anti-cancer Agent
HY-13259 MG-132 Proteasome Inhibitor	HY-19312 3-Methyladenine PI3K Inhibitor	HY-13757A Tamoxifen Estrogen receptor inhibitor	HY-B0015 Paclitaxel Tubulin Stabilizer

Top Publications Citing of MCE Products



One-stop Screening Platform: Makes Compound Screening EASY



Bioactive Compound Libraries

- 150+ ready-to-use compound libraries
- 16,000+ bioactive compounds
- Cover 500+ different targets

Diversity Compound Libraries

- 50K compounds are available
- Diverse structure and drug-like features

Fragment Libraries

- 19,000+ fragment compounds
- Diverse structure
- Useful tool for fragment-based drug discovery (FBDD)

150+ Ready-to-Use Screening Libraries

		
	96/384-well format sample storage tube	96-well plate
Bioactive Screening Libraries	HY- L001P (16,000+ Compounds) <b>Bioactive Compound Library Plus</b> Compounds with confirmed biological activities and clear targets.	HY-L099 (2,400+ Compounds) <b>Targeted Diversity Library</b> Compounds covering 1,000+ targets and isoforms, with a high degree of target diversity
Drug Repurposing Series	HY- L022P (2,800+ Compounds) <b>FDA-Approved Drug Library Plus</b> All compounds have been approved by FDA, EMA or other countries, with well-characterized bioactivities, safety, and bioavailability properties.	HY- L035P (4,300+ Compounds) <b>Drug Repurposing Compound Library Plus</b> Approved drugs and passing phase I clinical drugs, which have been completed extensive preclinical and clinical studies
Natural Products Series	HY- L021P (4,000+ Compounds) <b>Natural Product Library Plus</b> Contains Saccharides and Glycosides, Phenylpropanoids, Quinones, Flavonoids, Steroids, Alkaloid, Phenols, Acids and Aldehydes, etc.	HY- L065 (2,500+ Compounds) <b>Traditional Chinese Medicine Active Compound Library</b> A unique collection of active compounds of Chinese Herbal Medicines.
Cell Death Series	HY- L051 (700+ Compounds) <b>Ferroptosis Compound Library</b> Ferroptosis-related active compounds. Targets include GPX4, iron, dipeptidylpeptidase 4, lipoxxygenase, p53, etc.	HY- L059 (900+ Compounds) <b>Pyroptosis Compound Library</b> Targets include Caspase-1, Caspase-4, Caspase-5, gasdermin D, NLRP3.
Metabolism Series	HY-L012 (3,100+ Compounds) <b>Metabolism/Protease Compound Library</b> Targets include PDE, Cytochrome P450, HMG-CoA Reductase, DPP4, Proteasome, HCV Protease, IDO, Cathepsin, MMP.	HY- L030 (1,000+ Compounds) <b>Human Endogenous Metabolite Compound Library</b> Human endogenous metabolites, possibly derived from human issues.
Target & Pathway Focused Libraries	HY- L005 (900+ Compounds) <b>Epigenetics Compound Library</b> Targets include HDAC, Histone Demethylase, Histone Acetyltransferase (HAT), DNMT, MicroRNA.	HY- L009 (2,200+ Compounds) <b>Kinase Inhibitor Library</b> Targets include protein kinases (VEGFR, EGFR, BTK, CDK, Akt, etc.), lipid kinases (PI3K, PI4K, SK, etc.) and carbohydrate kinases (Hexokinase).
Disease Related Compound Libraries	HY- L025 (6,000+ Compounds) <b>Anti-Cancer Compound Library</b> All compounds have anti-cancer activities and can be used for anti-cancer research.	HY- L002 (2,000+ Compounds) <b>Anti-Infection Compound Library</b> Targets include Bacteria, Fungi, Parasite, CMV, HIV, SARS-CoV, Influenza Virus.
According to Product Features & Structures	HY- L028 (600+ Compounds) <b>CNS-Penetrant Compound Library</b> All compounds have confirmed CNS-Penetrant property and can be used for brain diseases research.  HY- L044 (300+ Compounds) <b>Nucleotide Compound Library</b> Compounds including nucleotide, nucleoside and their structural analogues.	HY- L036P (3,000+ Compounds) <b>Covalent Screening Library Plus</b> Contains identified molecules having common covalent reactive groups as warheads, such as acrylamides, cloracetamides, aziridines.  HY- L032 (19,000+ Compounds) <b>Fragment Library</b> A collection of fragment compounds that obey a heuristic rule known as the 'Rule of Three (RO3)'