

Recombinant Proteins: High Activity & High Purity

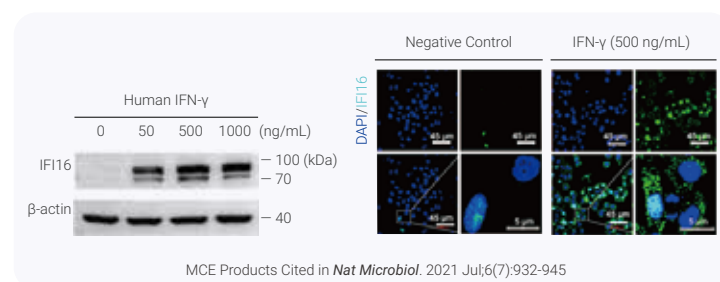
10,000+ commonly used recombinant protein products

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:

IF116 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 IF116 in A549 cells treated with IFN-γ for 12 h was determined.



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Prevent Protein Degradation During Sample Preparation	HY-K0010 Protease Inhibitor Cocktail (EDTA-Free, 100x in DMSO)	PCR	HY-K0532 2 x Fast PCR Master Mix (with Dye)
	HY-K0011 Protease Inhibitor Cocktail, mini-Tablet (EDTA-Free)		HY-K0533 2 x 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)
HY-K0217 Anti-Flag Affinity Gel	HY-K0601 JC-1 Mitochondrial Membrane Potential Assay Kit		
Mitochondria Isolation	HY-K1060 Mitochondria Isolation Kit for Cultured Cells	Cell Apoptosis Detection	HY-K1070 Apoptosis and Necrosis Assay Kit
	HY-K1061 Mitochondria Isolation Kit for Tissue		HY-K1071 Cell Cycle and Apoptosis Analysis Kit (PI staining)
Exosome Related	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)

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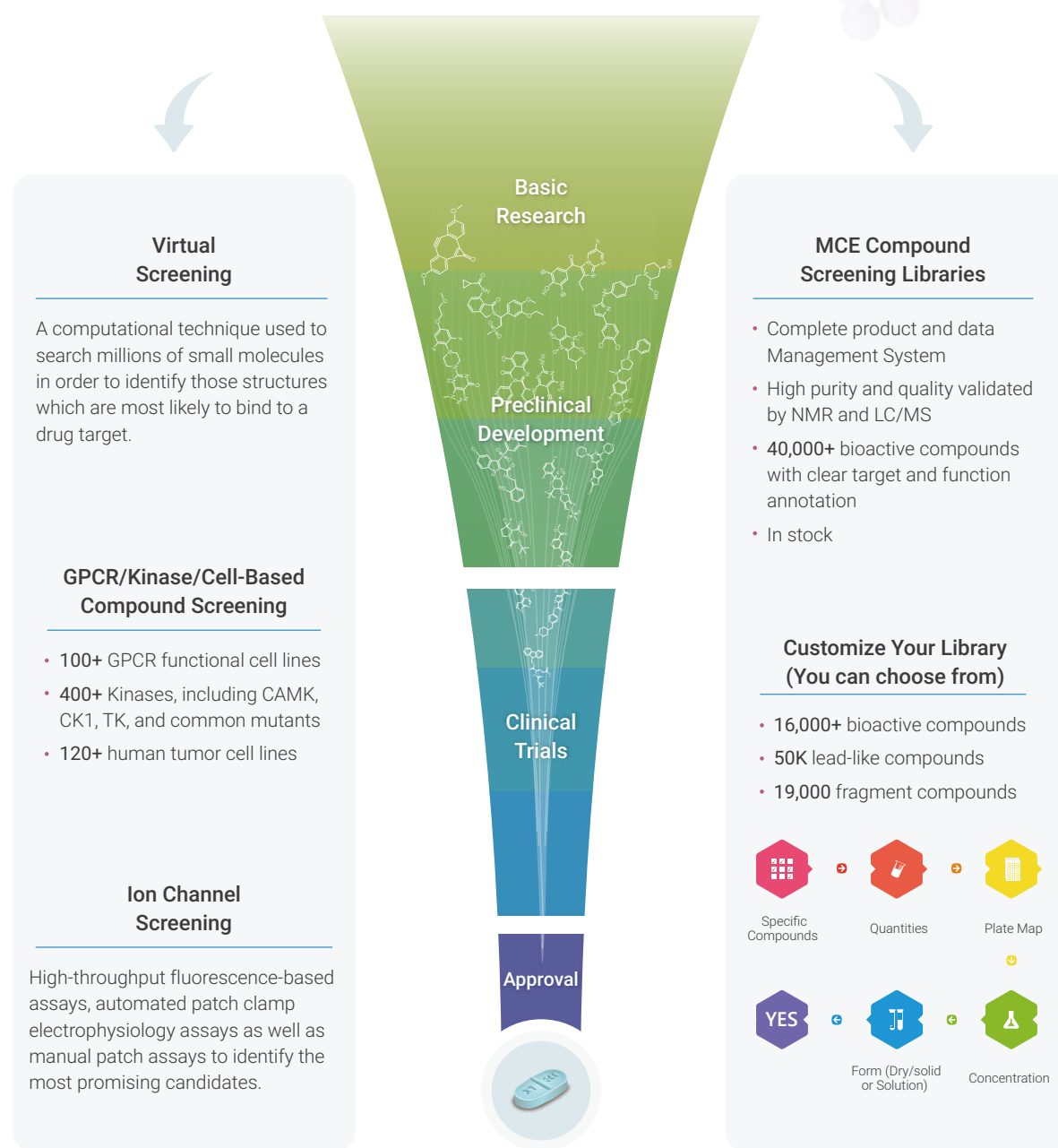
Top Selling Products

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



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

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)