

Recombinant Proteins

Recombinant proteins are widely applied in cell culture, structure and function analysis, immunology assays, antibody production, and in vitro biochemical analysis, etc.

MedChemExpress provides a catalog of 10,000+ recombinant proteins and customized services, supporting scientific research.



Advantages



Low Levels

Lot-to-Lot Consistency

Full Range Sizes

GMP Grade



Product Categories

Cytokines and Growth Factors

EGF, bFGF, IL-6, M-CSF, TNF-α, TGF-β, IFN-y, Activin A, BMPs, etc.

CAR-T related Proteins

Siglec-2, CD19, CD20, CD38, EpCAM, NKG2D, 4-1BBL, etc.

Complement System Related Proteins

C2, C3a, C5a, CFH, DAF, CFHR1, C1qR1, MASP1, C1QBP, CFB, etc.

GMP-grade Proteins

GMP EGF, TNF-alpha, Fibronectin,

Immune Checkpoint Proteins

PD-1, PD-L1, CD40L, CTLA-4, TIM-3, ICOS, etc.

Enzymes & Regulators

MMPs, Caspases, cGAS, HDACs, Legumain, Granzyme B, etc.

Fc Receptor Proteins

Fc gamma RIII, Fc gamma RII, Fc-gamma Receptor I, FcRn, etc.

Animal-free Recombinant Proteins

AF EGF, IL-4, IFN-γ, IL-2, etc.

Receptor Proteins

EGFR, HER2, VEGFR, IL-6R, AGER, LDLR, ROR1, GPCR, etc.

CD Antigens

CD7, CD9, CD14, CD19, CD24, CD28, CD36, CD44, etc.

Ubiquitin Related Proteins

Ubiquitin/UBLs, Ubiquitin Enzymes, Deubiquitinases

Fluorescent-labeled/ **Biotinylated Proteins**

Biotinylated CD28, FITC-NKG2D, etc.

Recombinant Protein Expression Service















Protein

Protein

Codon Optimization

Gene Synthesis

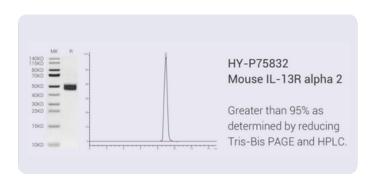
Construction of Expression Vector Strain Screening

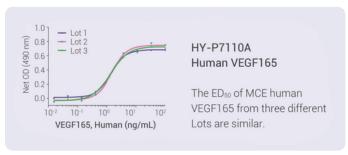
Protein Expression

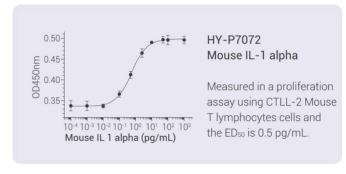
Purification

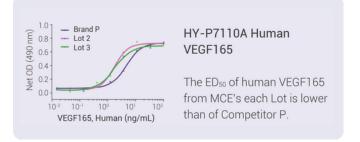
Delivery

Activity Verification

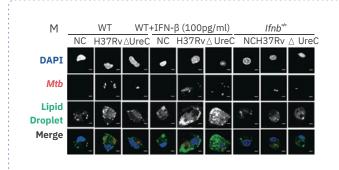








Customer Validation

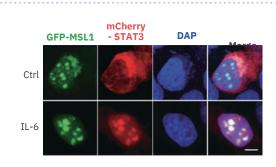


Cell Line: Primary murine peritoneal macrophages Concentration: Mouse IFN-β (HY-P73130), 100 pg/mL

Method: Cell culture, 24 h

Result: IFN- β markedly enhanced foam cell formation in macrophages, and eliminated $\Delta UreC$ -mediated inhibition of the H37Rv-induced accumulation of lipid droplets.

(Usage Cited in **Cell Host Microbe**. 2023Nov8;31(11):1820-1836.e10.)



Cell Line: Cell culture

Concentration: Human IL-6 (HY-P7044), 10 ng/mL

Method: Cell culture, 30 min

Result: After coexpression of MSL1 and STAT3, STAT3 entered the nucleus and was phase separated from MSL1

following IL 6 treatment.

(Usage Cited in Adv Sci (Weinh). 2023 Aug; 10(23): 2301094.)

Selected Publications Citing Use of MCE Proteins

Cell. 2024 Apr 25;187(9):2288-2304.e27.

Adv Mater. 2024 Feb 1:e2311964.

Cancer Cell. 2024 Apr 8;42(4):682 700.e12. Cell Rep Med. 2023 Aug 25;101177.

Immunity. 2024 Mar 12;57(3):495-512.e11

Nat Genet. 2024 Jan 24.

Sci Adv. 2023 Aug 25;9(34):eadh2501.

Crit Care. 2023 May 22;27(1):196.

Sci Adv. 2023 Aug 25;9(34):eadh2501.

