

Recombinant Full Length Human Cation-Dependent Mannose-6-Phosphate Receptor(M6Pr) Protein, His-Tagged

Cat. No. RFL36045HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Cation-dependent mannose-6-phosphate receptor(M6PR) Protein (P20645) (27-277aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (27-277)
Form	Lyophilized powder
AA Sequence	TEEKTCDLVGEKGKESEKELALVKRLKPLFNKSFESTVGQGSPTYIYIFRVCREAGN HTSGAGLVQINKSNGKETVVGRLNETHIFNGSNWIMLIYKGGDEYDNHCGKEQRRRA VVMISCNRHTLADNFPVSEERGKVQDCFYLFEMDSSLACSPESHLSVGSILLVTFA SLVAVYVVGGLYQRLVVGAKGMEQFPHLAFWQDLGNLVADGCDFVCRSKPRNP AAYRGVGDDQLGEESEERDDHLLPM
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	M6PR
Synonyms	M6PR; MPR46; MPRD; Cation-dependent mannose-6-phosphate receptor; CD Man-6-P receptor; CD-MPR; 46 kDa mannose 6-phosphate receptor; MPR 46
UniProt ID	P20645

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