

Recombinant Human M6PR Protein, MYC/DDK-tagged

Cat. No. M6PR-179H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human M6PR protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex. [UniProtKB/Swiss-Prot Function]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	27.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	mannose-6-phosphate receptor, cation dependent [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	M6PR
Synonyms	CD-MPR; MPR 46; MPR-46; MPR46; SMPR
Gene ID	4074
mRNA Refseq	NM_001207024.1
Protein Refseq	NP_001193953.1
MIM	154540
UniProt ID	P20645

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