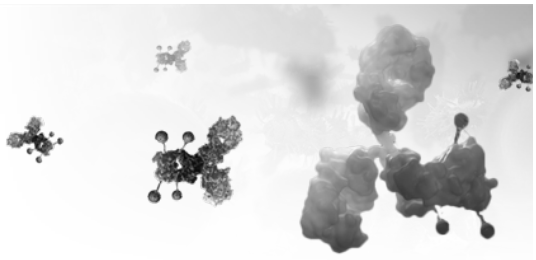

Human M6PR blocking peptide (CDBP1799)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-M6PR antibody
Antigen Description	This gene encodes a member of the P-type lectin family. P-type lectins play a critical role in lysosome function through the specific transport of mannose-6-phosphate-containing acid hydrolases from the Golgi complex to lysosomes. The encoded protein functions as a homodimer and requires divalent cations for ligand binding. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome X. [provided by RefSeq, May 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	M6PR mannose-6-phosphate receptor (cation dependent) [Homo sapiens]
Official Symbol	M6PR
Synonyms	M6PR; mannose-6-phosphate receptor (cation dependent); cation-dependent mannose-6-phosphate receptor; Mr 46,000 Man6PR; CD Man-6-P receptor; small mannose 6-phosphate

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	receptor; 46-kDa mannose 6-phosphate receptor; SMPR; MPR46; CD-MPR; MPR 46; MPR-46; FLJ32994;
Entrez Gene ID	4074
mRNA Refseq	NM_001207024
Protein Refseq	NP_001193953
UniProt ID	P20645
Chromosome Location	12
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Lysosome Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem;
Function	mannose binding; mannose transmembrane transporter activity; receptor activity; transmembrane signaling receptor activity;

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