

Cation-independent mannose-6-phosphate receptor (IGF2R) Recombinant Protein | IGF2R recombinant protein

Recombinant Human Cation-independent mannose-6-phosphate receptor (IGF2R) , partial

CATALOG # AAA81628	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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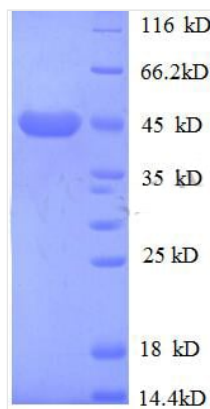
PRODUCT SYNONYMS

Cation-independent mannose-6-phosphate receptor (IGF2R); Recombinant Human Cation-independent mannose-6-phosphate receptor (IGF2R); partial; IGF2R recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2328-2491aa; Partial
Sequence	KKERRETVIS KLTTCRRSS NVSYKYSKVN KEEETDENET EWLMEEIQLP PPRQGKEGQE NGHITTSVK ALSSLHGDDQ DSEDEVLTIP EVKVHSGRGA GAESSHPVRN AQSNALQERE DDRVGLVRGE KARKGKSSSA QQKTVSSTKL VSFHDDSDDED LLHI
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IGF2R recombinant protein	This protein is a receptor for both, insulin-like growth factor 2 (IGF2) and mannose 6-phosphate (M6P). The IGF2 and M6P binding sites are located on different segments of the receptor. This receptor functions in the intracellular trafficking of lysosomal enzymes, the activation of transforming growth factor beta, and the degradation of IGF2. In mice, the homologous gene is expressed only from the maternal chromosome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119964726
NCBI GeneID	3482
NCBI Accession #	NP_000867.2
NCBI GenBank Nucleotide #	NM_000876.3
UniProt Accession #	P11717; Q7Z7G9; Q96PT5
Molecular Weight	45.3 kDa
NCBI Official Full Name	cation-independent mannose-6-phosphate receptor
NCBI Official Synonym Full Names	insulin like growth factor 2 receptor
NCBI Official Symbol	IGF2R
NCBI Official Synonym Symbols	MPR1; MPRI; CD222; CIMPR; M6P-R; MPR300; CI-M6PR; MPR 300; M6P/IGF2R
NCBI Protein Information	cation-independent mannose-6-phosphate receptor
UniProt Protein Name	Cation-independent mannose-6-phosphate receptor
UniProt Gene Name	IGF2R
UniProt Synonym Gene Names	MPRI; CI Man-6-P receptor; CI-MPR; M6PR; MPR 300; IGF-II receptor; M6P/IGF2R

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/igf2r-recombinant-protein-e-coli/81628>