

Recombinant Human IGF2R/CD222 Protein

Catalog No.: RP02786

Sequence Information

Species	Gene ID
Human	3482
Swiss Prot	Tags
P11717	C-His&Avi

Synonyms

CI-MPR; M6PR; MPR 300; IGF-II receptor; M6P/IGF2R; CD222; MPRI;IGF2R

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

164.90 kDa 165-200 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

The cation-independent mannose-6-phosphate/insulin-like growth factor 2 receptor (M6P/IGF2R) is a multifunctional receptor. It is involved in a variety of cellular processes which become dysregulated in cancer.

Basic Information

Description

Recombinant Human IGF2R/CD222 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu47-Met1508) of human IGF2R (Accession #NP_000867.2) fused with a His, Avi tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

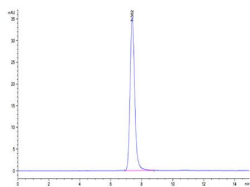
Contact

☎ | 400-999-6126

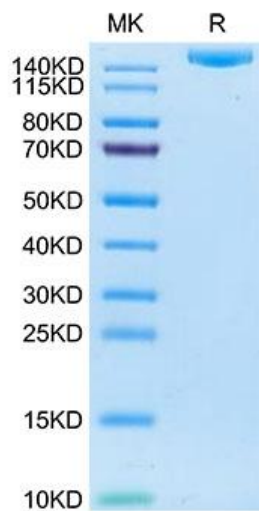
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Validation Data



The purity of Human IGF2R is greater than 95% as determined by SEC-HPLC.



Recombinant Human IGF2R/CD222 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.