

Active Recombinant Human IGF2R protein, Fc-tagged

Cat. No. IGF2R-627H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IGF2R protein(P11717) (Met1-Asp1365) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp1365
Tag	C-Fc
Form	Lyophilized from sterile PBS, 8% Glycerol, 5% Trehalose, 0.02% Tween 80, pH 7.4.
Bio-activity	Immobilized Recombinant Human TROP2 / TACSTD2 Protein (His Tag) at 2 µg/mL (100 µL/well) can bind Recombinant Human Igf2r Protein (Fc Tag), with a linear range of 0.16-4.0 µg/mL.
Molecular Mass	The recombinant Human Igf2r consisting of 1563 amino acids and has a calculated molecular mass of 173.22 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 196.1 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	≥ 90 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneID	3482
GENE INFORMATION	
Gene Name	IGF2R insulin-like growth factor 2 receptor [Homo sapiens]
Official Symbol	IGF2R
Synonyms	IGF2R; insulin-like growth factor 2 receptor; cation-independent mannose-6-phosphate receptor; cation independent mannose 6 phosphate receptor; CD222; CIMPR; M6P R; MPR1; MPRI; M6PR; CI-MPR; MPR 300; M6P/IGF2R; IGF-II receptor; M6P/IGF2 receptor; CI Man-6-P receptor; 300 kDa mannose 6-phosphate receptor; insulin-like growth factor II receptor; cation-independent mannose-6 phosphate receptor; M6P-R;
mRNA Refseq	NM_000876
Protein Refseq	NP_000867
MIM	147280
UniProt ID	P11717