

## Active Recombinant Human IGF2R protein, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human IGF2R protein(P11717) (Met1-Asp1365) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asp1365
<b>Tag</b>	C-Fc
<b>Form</b>	Lyophilized from sterile PBS, 8% Glycerol, 5% Trehalose, 0.02% Tween 80, pH 7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	≥ 90 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.

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<b>Storage</b>	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.
<b>Reconstitution</b>	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.
<b>GeneID</b>	<a href="#">3482</a>
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">IGF2R insulin-like growth factor 2 receptor [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">IGF2R</a>
<b>Synonyms</b>	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;
<b>mRNA Refseq</b>	<a href="#">NM_000876</a>
<b>Protein Refseq</b>	<a href="#">NP_000867</a>
<b>MIM</b>	<a href="#">147280</a>
<b>UniProt ID</b>	<a href="#">P11717</a>

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