Active Recombinant Human IGF1R protein, His&GST-tagged

Cat. No. IGF1R-50H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IGF1R protein(NP_000866.1)(Met 954-Cys 1367) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	954-1367 aa
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 20 % glycerol, pH 7.4.
Bio-activity	The specific activity was determined to be 554 nmol/min/mg using Poly(Glu,Tyr) 4:1 as substrate.
Molecular Mass	The recombinant human IGF1R (aa 954-1367) /GST chimera consists of 651 amino acids and has a calculated molecular mass of 74.6 KDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

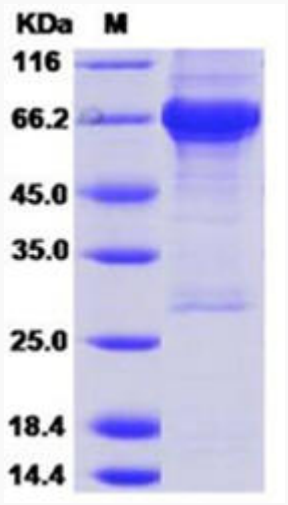
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IGF1R insulin-like growth factor 1 receptor [Homo sapiens]
Official Symbol	IGF1R
Synonyms	IGF1R; insulin-like growth factor 1 receptor; CD221; IGFIR; IGFR; JTK13; MGC18216; IGF-I receptor; soluble IGF1R variant 1; soluble IGF1R variant 2; insulin-like growth factor I receptor; MGC142170; MGC142172;
Gene ID	3480
mRNA Refseq	NM_000875
Protein Refseq	NP_000866
MIM	147370
UniProt ID	P08069

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SDS-PAGE	

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