Recombinant Human IGF2R Protein, His-tagged

Cat. No. IGF2R-678H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGF2R Protein(P11717)(1508-1993 aa), fused with C-terminal His Tag, was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	1508-1993 aa
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Biotinylated Human IGF-II, Avitag,Fc Tag at 5 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Human IGF-II R Protein, His Tag with a linear range of 2-78 ng/mL.
Molecular Mass	The protein has a calculated MW of 55.6 kDa.
Endotoxin	Less than 1.0 EU per μg by the LAL method / rFC method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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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	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;
Gene ID	3482
mRNA Refseq	NM_000876
Protein Refseq	NP_000867
MIM	147280
UniProt ID	P11717

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