Recombinant Mouse IGF1R protein, His-tagged

Cat. No. IGF1R-392M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IGF1R protein(NP_034643.2)(Met1-His936), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-His936
Form	Lyophilized from sterile PBS, pH 7.4.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse IGF1R consists of 917 amino acids and predicts a molecular mass of 105.2 kDa. As a result of glycosylation, it migrates as an approximately 172.5 kDa, 117.1 kDa and 49.8 kDa, corresponding to the single chain, α subunit and β subunit respectively in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
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

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	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.

GENE INFORMATION

Gene Name	Igf1r insulin-like growth factor I receptor [Mus musculus]
Official Symbol	IGF1R
Synonyms	IGF1R; insulin-like growth factor I receptor; insulin-like growth factor 1 receptor; line 186; IGF-I receptor; hyft; CD221; IGF-1R; D930020L01; A330103N21Rik;
Gene ID	16001
mRNA Refseq	NM_010513
Protein Refseq	NP_034643

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