

## Recombinant Mouse IGF1R protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse IGF1R protein(NP_034643.2)(Met1-His936), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-His936
<b>Form</b>	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.
<b>Molecular Mass</b>	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, $\alpha$ subunit and $\beta$ subunit respectively in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<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

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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**

lgf1r 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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