Recombinant Mouse Igf2r protein, His-tagged

Cat. No. Igf2r-849M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Igf2r(Val1148~Gln1365) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val1148~Gln1365
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.3kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 90%
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Igf2r insulin-like growth factor 2 receptor [Mus musculus]
Official Symbol	Igf2r
Synonyms	IGF2R; insulin-like growth factor 2 receptor; cation-independent mannose-6-phosphate receptor; M6PR; MPR 300; IGF-II/CI-MPR; IGF-II receptor; M6P/IGF2 receptor; CI Man-6-P receptor; cation-independent MPR; 300 kDa mannose 6-phosphate receptor; insulin-like growth factor II receptor; cation-independent mannose 6-phosphate receptor; mannose-6-phosphate receptor, cation independent; CD222; CI-MPR; Mpr300; AI661837; M6P/IGF2R;
Gene ID	16004
mRNA Refseq	NM_010515
Protein Refseq	NP_034645
MIM	
UniProt ID	Q07113
Chromosome Location	17 8.64 cM; 17 A-C
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Lysosome, organism-specific

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	biosystem; Lysosome, conserved biosystem; Membrane Trafficking, organism-specific biosystem; PI3K/Akt/mTOR signaling pathway, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	G-protein alpha-subunit binding; G-protein coupled receptor activity; enzyme binding; glycoprotein binding; glycoprotein binding; insulin-like growth factor II binding; insulin-like growth factor binding; mannose binding; phosphoprotein binding; receptor activity; retinoic acid binding; transporter activity;

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