

Recombinant Mouse Igfbp2 Protein, His-tagged

Cat. No. Igfbp2-990M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Igfbp2 Protein (Ala34-Gln305) with His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Ala34-Gln305
Description	The protein encoded by this gene is one of several similar proteins that bind insulin-like growth factors I and II (Igf-I and Igf-II). The encoded protein can be secreted into the bloodstream, where it binds Igf-I and Igf-II with high affinity, or it can remain intracellular, interacting with many different ligands. Two transcript variants, one encoding a secreted isoform and the other encoding a nonsecreted isoform, have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.8 kDa; Accurate Molecular Mass: 70 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Igfbp2 insulin-like growth factor binding protein 2 [Mus musculus (house mouse)]

Official Symbol

Igfbp2

Synonyms

IGFBP2; insulin-like growth factor binding protein 2; insulin-like growth factor-binding protein 2; IGF-binding protein 2; IBP-2; Igfbp-2; AI255832; mIGFBP-2;

Gene ID

16008

mRNA Refseq

NM_008342

Protein Refseq

NP_032368

UniProt ID

P47877

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