

Active Recombinant Mouse Igfbp2 protein(Met1-Gln305), hFc-tagged

Cat. No. Igfbp2-969M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Igfbp2 (NP_032368.2) (Met1-Gln305) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gln305
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to inhibit the biological activity of IGFII on MCF7 human breast adenocarcinoma cells. The ED50 for this effect is typically 0.05-0.4 µg/mL in the presence of 14 ng/mL human IGFII.
Molecular Mass	The recombinant mouse Igfbp2 consists 512 amino acids and predicts a molecular mass of 56.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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 [lgfbp2 insulin-like growth factor binding protein 2 \[Mus musculus \]](#)

Official Symbol [lgfbp2](#)

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

Gene ID [16008](#)

mRNA Refseq [NM_008342](#)

Protein Refseq [NP_032368](#)

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