

Active Recombinant Mouse Igfbp4 protein, His-tagged

Cat. No. Igfbp4-760M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Igfbp4 protein(NP_034647.1)(Met1-Glu254), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Glu254
Form	Lyophilized from sterile PBS, pH 7.4Please 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.
Bio-activity	Measured in a serum free cell proliferation assay using MCF7 human breast adenocarcinoma cells (Karey, K.P. et al. 1988, Cancer Research 48: 4083.). The ED50 for this effect is typically 0.1-0.6 µg/ml.
Molecular Mass	The secreted recombinant mouse IGFBP4 consists of 244 amino acids and has a calculated molecular mass of 27.2 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 38 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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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 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

Official Symbol	lgfbp4
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