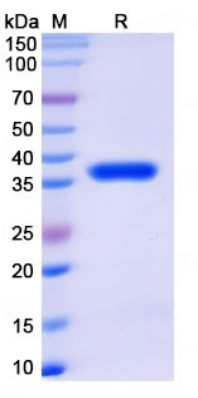
IGFBP6 Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	IGFBP6, Recombinant Protein
Full Product Name	Recombinant Mouse IGFBP6 Protein, N-GST & C-His
Product Gene Name	IGFBP6 recombinant protein
Product Synonym Names	Insulin-like growth factor-binding protein 6; IBP-6; IBP6; IGFBP-6; IGF-binding protein 6; IGFBP6
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 degree C for twelve months from the date of receipt.
Molecular Weight	25,347 Da
Sequence Positions	Gly158-Gly238
3D Structure	ModBase 3D Structure for P47880
Species	Mouse
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for IGFBP6 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for IGFBP6 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for IGFBP6 recombinant protein	MBS1579065 is a recombinant protein targeting IGFBP6. Also known as Recombinant Mouse IGFBP6 Protein, N-GST & C-His. Host: E coli.
Other Notes	Small volumes of IGFBP6 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of IGFBP6 recombinant protein
SDS-PAGE for Recombinant Mouse IGFBP6 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IGFBP6. It may not necessarily be applicable to this product.

NCBI GI #	168693654
NCBI GeneID	16012
NCBI Accession #	NP_032370.2
UniProt Primary Accession #	P47880
UniProt Secondary Accession #	Q91X24
UniProt Related Accession #	P47880
GenBank Nucleotide #	NM_008344.3
NCBI Official Full Name	insulin-like growth factor-binding protein 6
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 6
NCBI Official Symbol	Igfbp6
NCBI Official Synonym Symbols	IGFBP-6
UniProt Protein Name	Insulin-like growth factor-binding protein 6
Protein Family	Insulin-like growth factor-binding protein
UniProt Gene Name	Igfbp6
UniProt Synonym Gene Names	Igfbp-6; IBP-6; IGF-binding protein 6; IGFBP-6
NCBI Protein Information	insulin-like growth factor-binding protein 6
UniProt Comments for IGFBP6	IGFBP6: IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Protein type: Cell cycle regulation; Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 15|15 F2 Cellular Component: cytoplasm; extracellular space; Golgi apparatus Molecular Function: insulin-like growth factor I binding; insulin-like growth factor II binding Biological Process: regulation of insulin-like growth factor receptor signaling pathway
Research Articles on IGFBP6	**1.** Genome-wide methylation analysis showed that two genes with hypomethylated promoters, Igfbp6 and Foxs1, are upregulated in GDX-induced adrenocortical neoplasms.
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