

Recombinant Mouse Insulin-like Growth Factor Binding Protein 6

Cat. No. Igfbp6-1751M Lot. No. (See product label)

SPECIFICATION

Species Mouse

Source Mammalian Cells

Description Insulin-like growth factor binding protein 6, also known as IGFBP6 an extracellular protein with preferential affinity for insulin-like growth factor (IGF) II. IGFBP6 plays a role in lipoprotein assembly and dietary cholesterol absorption. In addition to its acyltransferase activity, it may act as a ligase and may provide cholesteryl esters for lipoprotein secretion from hepatocytes and intestinal mucosa.

Molecular Weight The predicted molecular weight of Recombinant Mouse IGFBP-6 is Mr 23 kDa.

State Of Matter Lyophilized.

Purity >95% by SDS Page and analyzed by silver stain.

Endotoxin <1.0 EU/g as determined by the LAL method.

Storage And Stability This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

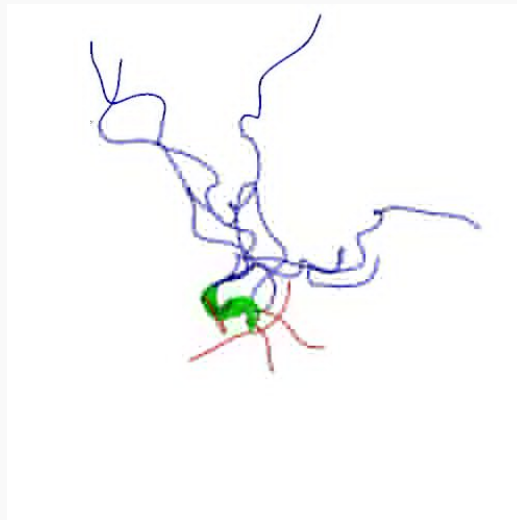
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Gene Name	Igfbp6 insulin-like growth factor binding protein 6 [<i>Mus musculus</i>]
Synonyms	Igfbp6; insulin-like growth factor binding protein 6; IGFBP-6; insulin-like growth factor binding protein 6; INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 6 PRECURSOR (IGFBP-6) (IBP-6) (IGF-BINDING PROTEIN 6)
Gene ID	16012
mRNA Refseq	NM_008344
Protein Refseq	NP_032370
UniProt ID	P47880
Chromosome Location	15 F3
Function	growth factor binding; insulin-like growth factor binding

PDB rendering based on 2jm2.



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