

Recombinant Mouse Igfbp5

Cat. No. Igfbp5-2681M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Igfbp5 is expressed in <i>E. coli</i> .
Species	Mouse
Source	E.coli
Description	Mouse Insulin-like Growth Factor Binding Protein-5 (mIGFBP-5) is a 252 amino acid protein that is one of the six "classical" IGF binding proteins that play an important role in stabilizing and regulating the activity of IGFs in vivo. Mouse IGFBP-5 preferentially binds IGF-II and it also binds with high affinity to extracellular matrix components which protect it from proteolysis. Like human IGFBP-5, mouse IGFBP-5 has a nuclear targeting sequence.
Purity	> 90% (by SDS PAGE).
MW	29 kDa.
Appearance	Lyophilized white powder dried from phosphate buffered saline and stored under dry nitrogen at a slight vacuum (-25 kPa).
Storage	At least 2 years at 2 - 4°C (lyophilized).

GENE INFORMATION

Gene Name	Igfbp5 insulin-like growth factor binding protein 5 [<i>Mus musculus</i>]
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Synonyms	Igfbp5; insulin-like growth factor binding protein 5; IBP-5; IGF-binding protein 5; OTTMUSP00000018888; insulin-like growth factor-binding protein 5; IGFBP-5; AI256729; AW208790; IGFBP-5P
Gene ID	16011
mRNA Refseq	NM_010518
Protein Refseq	NP_034648
UniProt ID	Q07079
Chromosome Location	1 36.1 cM
Function	growth factor binding; insulin-like growth factor binding
PDB rendering based on 1boe.	