

## Recombinant Mouse Igfbp5

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Igfbp5 is expressed in <i>E. coli</i> .
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Purity</b>	> 90% (by SDS PAGE).
<b>MW</b>	29 kDa.
<b>Appearance</b>	Lyophilized white powder dried from phosphate buffered saline and stored under dry nitrogen at a slight vacuum (-25 kPa).
<b>Storage</b>	At least 2 years at 2 - 4°C (lyophilized).

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">Igfbp5 insulin-like growth factor binding protein 5 [ Mus musculus ]</a>
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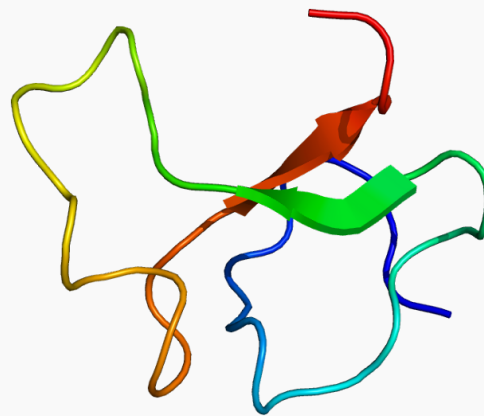
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<b>Synonyms</b>	Igfbp5; insulin-like growth factor binding protein 5; IBP-5; IGF-binding protein 5; OTTMUSP00000018888; insulin-like growth factor-binding protein 5; IGFBP-5; AI256729; AW208790; IGFBP-5P
<b>Gene ID</b>	16011
<b>mRNA Refseq</b>	NM_010518
<b>Protein Refseq</b>	NP_034648
<b>UniProt ID</b>	Q07079
<b>Chromosome Location</b>	1 36.1 cM
<b>Function</b>	growth factor binding; insulin-like growth factor binding

PDB rendering based on 1boe.



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