

## Active Recombinant Human IGFBP2

Cat. No. IGFBP2-11H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human IGF-Binding protein 2 is produced in genetically engineered yeast, and purified by affinity chromatography and HPLC.
<b>Species</b>	Human
<b>Source</b>	yeast
<b>Form</b>	Lyophilized powder
<b>Bio-activity</b>	Binding activity of human IGF-BP 2 is under investigation by the inhibition activity of both IGF I and II.
<b>Molecular Mass</b>	31 KDa
<b>Purity</b>	Over 90% pure by SDS gel electrophoresis.
<b>Stability</b>	Stable at +4°C, however its stability is under investigation.
<b>Storage</b>	Store at +4°C. Reconstitution is best in water or buffer near neutral pH. After reconstitution, storage in aliquots at -80°C is recommended.

### GENE INFORMATION

<b>Gene Name</b>	IGFBP2?insulin-like growth factor binding protein 2, 36kDa [?Homo sapiens?(human)]
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<b>Official Symbol</b>	IGFBP2
<b>Synonyms</b>	insulin-like growth factor binding protein 2, 36kDa; IGFBP2; IBP2; IGF-BP53; insulin-like growth factor-binding protein 2; IBP-2; IGFBP-2; IGF-binding protein 2
<b>Gene ID</b>	3485
<b>mRNA Refseq</b>	NM_000597
<b>Protein Refseq</b>	NP_000588
<b>MIM</b>	146731
<b>UniProt ID</b>	P18065
<b>Chromosome Location</b>	2q35
<b>Pathway</b>	Metabolism of proteins; Myometrial Relaxation and Contraction Pathways; Regulation of Insulin-like Growth Factor (IGF) transport and uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs)
<b>Function</b>	insulin-like growth factor I binding; insulin-like growth factor II binding; protein binding

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