

## Recombinant Human IGFBP2 protein, FLAG-tagged

Cat. No. IGFBP2-25H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IGFBP2 protein with a FLAG epitope at the C terminus was expressed in a mammalian cell expression system and purified by a series of chromatography steps.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	The protein encoded by this gene is one of six similar proteins that bind insulin-like growth factors I and II (IGF-I and IGF-II). The encoded protein can be secreted into the bloodstream, where it binds IGF-I and IGF-II with high affinity, or it can remain intracellular, interacting with many different ligands. High expression levels of this protein promote the growth of several types of tumors and may be predictive of the chances of recovery of the patient. Several transcript variants, one encoding a secreted isoform and the others encoding nonsecreted isoforms, have been found for this gene.
<b>Form</b>	White powder freeze-dried from phosphate buffered saline.
<b>Molecular Mass</b>	32.4 kDa
<b>Endotoxin</b>	< 0.1 EU/g
<b>Purity</b>	>95 % (by HPLC analysis). Single species detected by Western ligand blotting using biotinylated IGF-II.

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**Notes** NOT FOR USE IN HUMANS.

**Storage** At least 2 years at 2-4 centigrade (as a freeze dried product).

## GENE INFORMATION

**Gene Name** IGFBP2 insulin like growth factor binding protein 2 [ Homo sapiens (human) ]

**Official Symbol** IGFBP2

**Synonyms** IGFBP2; insulin like growth factor binding protein 2; IBP2; IGF-BP53; insulin-like growth factor-binding protein 2; IGF-binding protein 2; insulin-like growth factor binding protein 2, 36kDa

**Gene ID** 3485

**mRNA Refseq** NM\_001313990

**Protein Refseq** NP\_001300919

**MIM** 146731

**UniProt ID** P18065

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