

Recombinant Human IGFBP2 protein, FLAG-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Mammalian Cells
Description	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.
Form	White powder freeze-dried from phosphate buffered saline.
Molecular Mass	32.4 kDa
Endotoxin	< 0.1 EU/g
Purity	>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.
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Storage	At least 2 years at 2-4 centigrade (as a freeze dried product).
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GENE INFORMATION

Gene Name	IGFBP2 insulin like growth factor binding protein 2 [Homo sapiens (human)]
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Official Symbol	IGFBP2
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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
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Gene ID	3485
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mRNA Refseq	NM_001313990
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Protein Refseq	NP_001300919
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MIM	146731
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UniProt ID	P18065
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