

Recombinant Human IGFBP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IGFBP2-5679H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IGFBP2 MS Standard C13 and N15-labeled recombinant protein (NP_000588) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	35 kDa
AA Sequence	MLPRVGC PALPLPPP LLLPL LLLLLL GASGGGGG ARAEVLFRCP PCTPERLAACG PPPVAPPA AAVA AVAGG ARMPCA ELVREPG CGCCSV CARLEGEACGVYTPRCGQG LRCYPHPGSELPLQALVMGEGTCEKRRDAEYGASPEQVADNGDDHSEGGLVENHV DSTMNMLGGGGSAGRKPLKSGMKELAVFREKVTEQHRQMKGKGGKHHLGLEEPKK LRPPPARTPCQQELDQVLERISTMRLPDERGPLEHLYSLHIPNCDKHGLYNLKQCKM

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	SLNGQRGECWCVPNTGKLIQGAPTIRGDPECHLFYNEQQEARGVHTQRMQTRTR PLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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, 36kDa; IBP2, insulin like growth factor binding protein 2 (36kD); insulin-like growth factor-binding protein 2; IBP-2; IGFBP-2; IGF-binding protein 2; IBP2; IGF-BP53;
Gene ID	3485
mRNA Refseq	NM_000597
Protein Refseq	NP_000588
MIM	146731

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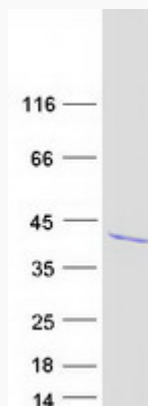
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UniProt ID

P18065

SDS-PAGE

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