Recombinant Full Length Human IGFBP2 Protein, C-Flag-tagged

Cat. No. IGFBP2-1059HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IGFBP2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35 kDa
AA Sequence	MLPRVGCPALPLPPPPLLPLLPLLLLLLGASGGGGGARAEVLFRCPPCTPERLAACG PPPVAPPAAVAAV AGGARMPCAELVREPGCGCCSVCARLEGEACGVYTPRCGQG LRCYPHPGSELPLQALVMGEGTCEKRRDA EYGASPEQVADNGDDHSEGGLVENH VDSTMNMLGGGGSAGRKPLKSGMKELAVFREKVTEQHRQMGKGGK HHLGLEEPK

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

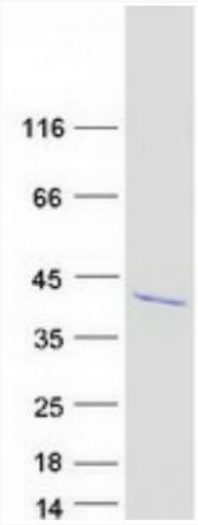
	KLRPPPARTPCQQELDQVLERISTMRLPDERGPLEHLYSLHIPNCDKHGLYNLKQCKMSLN GQRGECWCVNPNTGKLIQGAPTIRGDPECHLFYNEQQEARGVHTQRMQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	IGFBP2 insulin like growth factor binding protein 2 [Homo sapiens (human)]
Official Symbol	IGFBP2
Synonyms	IBP2; IGF-BP53
Gene ID	3485

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq	NM_000597.3
Protein Refseq	NP_000588.3
MIM	146731
UniProt ID	P18065



Coomassie blue staining of purified IGFBP2 protein.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA