

Recombinant Full Length Human IGF2BP2 Protein, C-Flag-tagged

Cat. No. IGF2BP2-92HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IGF2BP2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein that binds the 5' UTR of insulin-like growth factor 2 (IGF2) mRNA and regulates its translation. It plays an important role in metabolism and variation in this gene is associated with susceptibility to diabetes. Alternative splicing and promoter usage results in multiple transcript variants. Related pseudogenes are found on several chromosomes.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	65.9 kDa
AA Sequence	MNKLYIGNLSPAVTADDLRQLFGDRKLPLAGQVLLKSGYAFVDYPDQNWAI RAIETL SGKVELHGKIMEV DYSVSKKLRSRKIQIRNIPPHLQWEVL DGLLAQYGTVENVEQVN TDTETAVNVNTYATREEAKIAMEKLS GHQFENYSFKISYIPDEEVSSPSPPPQRAQRG DHSSREQGHAPGGTSQARQIDFPLRLVPTQFVGAIIGK EGLTIKNITKQTQSRVDIH RKENSGAAEKPVTIHATPEGTSEACRMILEIMQKEADETKLAE EIPLKILA HNGLVGR LIGKEGRNLKKIEHETGTKITISLQDLSIYNPERTITVKGTVEACASAEIEMKKLREAF EN DMLAVNQANLIPGLNLSALGIFSTGLSVLSPAGPRGAPPAAPYHPFTTHSGYF

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SSLYPHHQFGPFPFH HSYPEQEIVNLFIPTQAVGAIIGKKGAHIKQLARFAGASIKIAP
 AEGPDVSERMVIITGPPEAQFKAQGR IFGKLKEENFFNPKEEVKLEAHIRVPSSTAG
 RVIGKGGKTVNELQNLTSAEVIVPRDQTPDENEEVIVRI
 IGHFFASQTAQRKIREIVQQVKQQEQKYPQGVASQRSKTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

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.
Full Length	Full L.

GENE INFORMATION

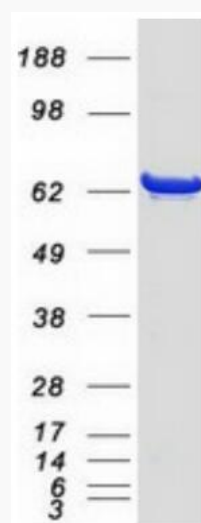
Gene Name	IGF2BP2 insulin like growth factor 2 mRNA binding protein 2 [Homo sapiens (human)]
Official Symbol	IGF2BP2
Synonyms	IMP2; IMP-2; VICKZ2
Gene ID	10644

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mRNA Refseq	NM_006548.6
Protein Refseq	NP_006539.3
MIM	608289
UniProt ID	Q9Y6M1



Coomassie blue staining of purified IGF2BP2 protein.