

Recombinant Human IGF2BP1, MYC/DDK-tagged

Cat. No. IGF2BP1-106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGF2BP1, fused with C-terminal MYC/DDK, was expressed in HEK293 Cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the insulin-like growth factor 2 mRNA-binding protein family. The protein encoded by this gene contains four K homology domains and two RNA recognition motifs. It functions by binding to the mRNAs of certain genes, including insulin-like growth factor 2, beta-actin and beta-transducin repeat-containing protein, and regulating their translation. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	63.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	IGF2BP1 insulin-like growth factor 2 mRNA binding protein 1 [Homo sapiens
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	(human)]
Official Symbol	IGF2BP1
Synonyms	IGF2BP1; IMP1; ZBP1; CRDBP; IMP-1; CRD-BP; VICKZ1; insulin-like growth factor 2 mRNA binding protein 1; insulin-like growth factor 2 mRNA-binding protein 1; ZBP-1; VICKZ family member 1; zipcode-binding protein 1; IGF2 mRNA-binding protein 1; IGF-II mRNA-binding protein 1; coding region determinant-binding protein
Gene ID	10642
mRNA Refseq	NM_006546
Protein Refseq	NP_006537
MIM	608288
UniProt ID	Q9NZI8
Chromosome Location	17q21.32
Pathway	BDNF signaling pathway; Binding of RNA by Insulin-like Growth Factor-2 mRNA Binding Proteins (IGF2BPs/IMPs/VICKZs); MicroRNAs in cancer
Function	mRNA 3'-UTR binding; mRNA binding; nucleotide binding