

Recombinant Full Length Human IGF2BP1 Protein, GST-tagged

Cat. No. IGF2BP1-624HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human IGF2BP1(1 a.a. - 577 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	577 amino acids
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	89.87 kDa
AA Sequence	MNKLYIGNLN ESVTPADLEK VFAEHKISYS GQFLVKSGYA FVDCPDEHWA MKAJETFS GK VELQGKRLEI EHSVPPKKQRS RKIQIRNIPP QLRWEVLDSL LAQYGTVENC EQVNTESETA VVNVTYSNRE QTRQAIMKLN GHQLENHALK VSYIPDEQIA QGPENGRRGG FGSRGQPRQG SPVAAGAPAK QQQVDIPLRL

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LVPTQYVGAI IGKEGATIRN ITKQTQSKID VHRKENAGAA EKAISVHSTP
EGCSSACKMI LEIMHKEAKD TKTADDEVPLK ILAHNNFVGR LIGKEGRNLK
KVEQDTETKI TISSLQDLTL YNPERTITVK GAIENCCRAE QEIMKKVREA
YENDVAAMSL QSHLIPGLNL AAVGLFPASS SAVPPPPSSV TGAAPYSSFM
QAPEQEMVQV FIPAQAVGAI IGKKGQHIKQ LSRFASASIK IAPPETPDSK
VRMVIITGPP EAQFKAQGRI YGKLKEENFF GPKEEVKLET HIRVPASAAG
RVIGKGGKTV NELQNLTAEE VVVPRDQTPD ENDQVIVKII GHFYASQMAQ
RKIRDILAQV KQQHQKGQSN QAQARRK

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

IGF2BP1 insulin-like growth factor 2 mRNA binding protein 1 [Homo sapiens]

Official Symbol

IGF2BP1

Synonyms

IGF2BP1; insulin-like growth factor 2 mRNA binding protein 1; insulin-like growth factor 2 mRNA-binding protein 1; IGF II mRNA binding protein 1; IMP 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; IMP1; ZBP1; CRDBP; IMP-1; CRD-BP; VICKZ1

Gene ID

10642

mRNA Refseq

NM_001160423

Protein Refseq

NP_001153895

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MIM	608288
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UniProt ID	Q9NZI8
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