

Recombinant Full Length Human IGF2BP3 Protein, GST-tagged

Cat. No. IGF2BP3-5855HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IMP-3 full-length ORF (AAH65269, 1 a.a. - 579 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	579 amino acids
Description	The protein encoded by this gene is primarily found in the nucleolus, where it can bind to the 5' UTR of the insulin-like growth factor II leader 3 mRNA and may repress translation of insulin-like growth factor II during late development. The encoded protein contains several KH domains, which are important in RNA binding and are known to be involved in RNA synthesis and metabolism. A pseudogene exists on chromosome 7, and there are putative pseudogenes on other chromosomes. [provided by RefSeq]
Molecular Mass	89.43 kDa
AA Sequence	MNKLYIGNLSENAAPSDLESIFKDAKIPVSGPFLVKTGHAFVDCPDSESWALKAI EALS GKIELHGKPIEVEHSVPKRQRIKRLQIRNIPPHLQWEVLDSLQYGVVESCEQVNTD SETAVNVNTYSSKDQARQALDKLNGFQLENFTLKVAYIPDEMAAQQNPLQQPRGRR GLGQRGSSRQGSPGSVSKQKPCDLPLRLLVPTQFVGAIIGKEGATIRNITKQTQSKID VHRKENAGAAEKSITILSTPEGTSAACKSILEIMHKEAQDIKFTEEIPLKILAHNNFVGR

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LIGKEGRNLKKIEQDSDKITISPLQELTYNPERTITVKGNVETCAKAEEMKKIRES
YENDIASMNLQAHLIPGLNLNALGLFPPTSGMPPPTSGPPSAMTPYPQFEQSETET
VHLFIPALSVGAIIGKQGQHIKQLSRFAGASIKIAPAEAPDAKVRMVIITGPPEAQFKAQ
GRIYGKIKEENFVSPKEEVKLEAHIRVPSFAAGRVIGKGGKTVNELQNLSSAEVVVPR
DQTPDENDQVVVKITGHFYACQVAQRKIQEILTQVKQHQQQKALQSGPPQSRRK

Applications

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

Notes Best use within three months from the date of receipt of this protein.

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

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name IGF2BP3 insulin-like growth factor 2 mRNA binding protein 3 [Homo sapiens]

Official Symbol IGF2BP3

Synonyms IGF2BP3; insulin-like growth factor 2 mRNA binding protein 3; insulin-like growth factor 2 mRNA-binding protein 3; cancer/testis antigen 98; CT98; IGF II mRNA binding protein 3; IMP 3; hKOC; VICKZ family member 3; IGF2 mRNA-binding protein 3; IGF-II mRNA-binding protein 3; KH domain containing protein overexpressed in cancer; KH domain-containing protein overexpressed in cancer; IMP3; KOC1; IMP-3; VICKZ3; DKFZp686F1078;

Gene ID 10643

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mRNA Refseq	NM_006547
Protein Refseq	NP_006538
MIM	608259
UniProt ID	O00425

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