

Recombinant Human IGF2BP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IGF2BP1-4160H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

IGF2BP1 MS Standard C13 and N15-labeled recombinant protein (NP_006537) with a C-terminal MYC/DDK tag, 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

AA Sequence

MNKLYIGNLNESVTPADLEKVFAEHKISYSGQFLVKSGYAFVDCPDEHWAMKAIETF
SGKVELQGKRLEIEHSVPKKQRSRQIRNIPPQLRWEVLDLLAQYGTVENCEQVN
TESETAVNVNTYSNREQTRQAIMKLNHQLNHALKVSYPDEQIAQGPENGRGG
FGSRGQPRQGSPVAAGAPAKQQQVDIPLRLLVPTQYVGAIGKEGATIRNITKQTQS
KIDVHRKENAGAAEKASVHSTPEGCSSACKMILEIMHKEAKDTKTADDEVPLKILAHN
NFVGRLLIGKEGRNLKKVEQDTETKITISSLQDLTLYNPERTITVKGAIENCCRAEQEIM
KKVREAYENDVAAMSLQSHLIPGLNLAAVGLFPASSSAVPPPPSSVTGAAPYSSFM

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QAPEQEMVQVFIPAQAVGAIIGKKGQHIKQLSRFASASIKIAPPETPDSKVRMVIITGP
 PEAQFKAQGRIYGKLKEENFFGPKKEEVKLETHIRVPASAAGRVIKGGKTVNELQNL
 TAAEVVPRDQTPDENDQVIVKIIGHFYASQMAQRKIRDILAQVKQQHQKQSNQAAQ
 ARKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name IGF2BP1 insulin-like growth factor 2 mRNA binding protein 1 [Homo sapiens (human)]

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

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mRNA Refseq [NM_006546](#)

Protein Refseq [NP_006537](#)

MIM [608288](#)

UniProt ID [Q9NZI8](#)

SDS-PAGE



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