

Recombinant Mouse Igf2bp2 Protein, Myc/DDK-tagged

Cat. No. Igf2bp2-3489M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length insulin-like growth factor 2 mRNA binding protein 2 (Igf2bp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	RNA-binding factor that recruits target transcripts to cytoplasmic protein-RNA complexes (mRNPs). This transcript 'caging' into mRNPs allows mRNA transport and transient storage. It also modulates the rate and location at which target transcripts encounter the translational apparatus and shields them from endonuclease attacks or microRNA-mediated degradation. Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. Binding is isoform-specific. Binds to beta-actin/ACTB and MYC transcripts.
Molecular Mass	66 kDa
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 after receiving vials.

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Concentration >50 µg/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 Igf2bp2 insulin-like growth factor 2 mRNA binding protein 2 [Mus musculus (house mouse)]

Official Symbol Igf2bp2

Synonyms Igf2bp2; insulin-like growth factor 2 mRNA binding protein 2; IM; IMP; Imp2; IMP-2; Neilsen; C330012H03Rik; insulin-like growth factor 2 mRNA-binding protein 2; IGF-II mRNA-binding protein 2; IGF2 mRNA-binding protein 2; VICKZ family member 2; insulin-like growth factor 2, binding protein 2

Gene ID 319765

mRNA Refseq NM_183029

Protein Refseq NP_898850

UniProt ID Q5SF07

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