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Product datasheet for TP508687

Igf2bp2 (NM_183029) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse insulin-like growth factor 2 mRNA binding protein 2 (Igf2bp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208687 representing NM_183029 Red=Cloning site Green=Tags(s) MMNKLYIGNLSPAVTADDLRQLFGDRKLPLAGQVLLKSGYAFVDYPDQNWAIRAIETLSGKVELHGKIME VDYSVSKKLRSRRIQIRNIPPHLQWEVLDGLLAEYGTVENVEQVNTDTETAVVNVTYMTREEAKLAIEKL SGHQFEDYSFKISYIPDEEVSSPSPPHRAREQGHGPGSSSQARQIDFPLRILVPTQFVGAIIGKEGLTIK NITKQTQSRVDIHRKENSGAAEKPVTIHATPEGTSEACRMILEIMQKEADETKLAEEVPLKILAHNGFVG RLIGKEGRNLKKIEHETGTKITISSLQDLSIYNPERTITVRGTIEACANAEIEIMKKLREAFENDMLAVN QQANLIPGLNLSALGIFSTGLSVLPPPAGPRGVPPSPPYHPFATHSGYFSSLYPHHHFGPFPHHHSYPEQ ETVSLFIPTQAVGAIIGKKGAHIKQLARFAGASIKIAPAEGPDVSERMVIITGPPEAQFKAQGRIFGKLK EENFFNPKEEVKLEAHIRVPSSTAGRVIGKGGKTVNELQNLTSAEVIVPRDQTPDENEEVIVRIIGHFFA SQTAQRKIREIVQQVKQQEQRYPQGVAPQRSK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	66 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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RefSeq:	NP_898850
Locus ID:	319765
UniProt ID:	Q5SF07
RefSeq Size:	3902
Cytogenetics:	16 B1
RefSeq ORF:	1776
Synonyms:	C330012H03Rik; IMP-2; Imp2; Neilsen
Summary:	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 (By similarity). 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 (By similarity). [UniProtKB/Swiss-Prot Function]