

## Product datasheet for **TP305673M**

### IGF2BP2 (NM\_006548) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human insulin-like growth factor 2 mRNA binding protein 2 (IGF2BP2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205673 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNKLYIGNLSPA VTADDLRQLFGDRK LPLAGQVLLKSGYAFVDYDPDQNWAI RAIETLSGKVELHGKIMEV  
DYSVSKKLR SRKIQIRNIPPHLQWEVLDGLLAQYGTVENVEQVNTDTETAVNVNTYATREEAKIAMEKLS  
GHQFENYSFKISYIPDEEVSSPSPQRAQRGDHSSREQGHAPGGTSQARQIDFPLRLVPTQFVGAIGK  
EGLTIKNITKQTQSRVDIHRKENS GAAEKPVTIHATPEGTSEACRMILEIMQKEADETKLAEEIPLKILA  
HNGLVGR LIGKEGRNLK KIEHETGTKITISLQDLSIYNPERTITVKGTVEACASAEIEIMKKLREAFEN  
DMLAVNQANLIPGLNLSALGIFSTGLSVLSPAGPRGAPPAAPYHPFTTHSGYFSSLYPHHQFGPFPFH  
HSYPEQEI VNLFIPTQAVGAIIGKGAHIKQLARFAGASIKIAPAEGPDVSE RMMVIITGPPEAQFKAQGR  
IFGKLKEENFFNPKEEVKLEA HIRVPSSTAGRVIGKGGKTVNELQNL TSAEVIVPRDQTPDENEEVIVRI  
IGHFFASQTAQRKIREIVQQVKQ QEQKYPQGVASQRSK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

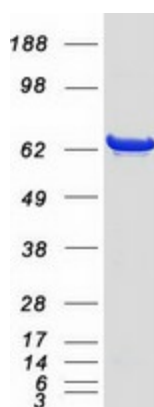
Tag:	C-Myc/DDK
Predicted MW:	65.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006539</a>
<b>Locus ID:</b>	10644
<b>UniProt ID:</b>	<a href="#">Q9Y6M1</a>
<b>RefSeq Size:</b>	3676
<b>Cytogenetics:</b>	3q27.2
<b>RefSeq ORF:</b>	1794
<b>Synonyms:</b>	IMP-2; IMP2; VICKZ2
<b>Summary:</b>	This gene encodes a protein that binds the 5' UTR of insulin-like growth factor 2 (IGF2) mRNA and regulates its translation. It plays an important role in metabolism and variation in this gene is associated with susceptibility to diabetes. Alternative splicing and promoter usage results in multiple transcript variants. Related pseudogenes are found on several chromosomes. [provided by RefSeq, Sep 2016]

### Product images:



Coomassie blue staining of purified IGF2BP2 protein (Cat# [TP305673]). The protein was produced from HEK293T cells transfected with IGF2BP2 cDNA clone (Cat# [RC205673]) using MegaTran 2.0 (Cat# [TT210002]).