

Product datasheet for **TP306889M**

PPP2R5B (NM_006244) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein phosphatase 2, regulatory subunit B', beta isoform (PPP2R5B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206889 protein sequence Red =Cloning site Green =Tags(s)

METKLPASTPTSPSSPGLSPVPPDPKVDGFSRRSLRRARPRRSHSSSQFRYQSNQQELTPLPLLKDVPA
SELHELLSRKLAQCGVMFDLDCVADLKGKEVKRAALNELVECVGSTRGVLIPEVYDPDIIRMISVNIERT
LPPSENPEFDPEDEPNLEPSWPHLQLVYEFFLRFLESPDFQPSVAKRYVDQKFLMELLEFDSEDPRE
EYLKTLHRVYGKFLGLRAYIRKQCNHIFLRFIYEFHFNQVAELLEILGSIINGFALPLKTEHKQFLVR
VLIPLHSVKLSLVFHAQLAYCVVQFLEKDATLTEHVIRGLLKYWPKTCTQKEVMFLGEMEEILDVIEPSQ
FVKIQEPLFKQVARCVSSPHFQVAERALYFNNNEIYLSLIEDNCHTLPVAVFGTLYQVSKEHWNQTIVSL
IYNVLKTFMEMNGKLFDELTAASYKLEKQQEQQAQERQELWQGLEELRLRRLQGTQGAKEAPLQRLTPQV
AASGGQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	57.2 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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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006235
Locus ID:	5526
UniProt ID:	Q15173 , A0A024R593
RefSeq Size:	2766
Cytogenetics:	11q13.1
RefSeq ORF:	1491
Synonyms:	B56B; B56beta; PR61B
Summary:	The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a beta isoform of the regulatory subunit B56 subfamily. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Oocyte meiosis, Wnt signaling pathway

Product images:



Coomassie blue staining of purified PPP2R5B protein (Cat# [TP306889]). The protein was produced from HEK293T cells transfected with PPP2R5B cDNA clone (Cat# [RC206889]) using MegaTran 2.0 (Cat# [TT210002]).