

Product datasheet for **TP318476M**

PPP1R16B (NM_015568) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human protein phosphatase 1, regulatory (inhibitor) subunit 16B (PPP1R16B), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC218476 representing NM_015568

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MASHVDLLTELQLEKVPPTLERLRAAQKRRRAQQLKKWAQYEQDLQHRKRKHERKRSTGGRRKKVSFEASV
ALLEASLRNDAEEVRYFLKKNKVPDLCNEDGLTALHQCCIDNFEEIVKLLLSHGANVNAKDNELWTPLHA
AATCGHINLVKILVQYGADLLAVNSDGNMPYDLCEDEPTLDVIETCMAYQGITQEKINEMRVAPEQQMIA
DIHCMIAAGQDLWDIDAQGATLLHIAGANGYLRAAELLDHGVVRVDVKDWDGWEPLHAAAFWGMQMAEL
LVSHGASLSARTSMDEMPIDLCEEEFKVLLLELKHKHDVIMKSQLRHKSSLSRRTSSAGSRGKVVRRAS
LSDRTNLYRKEYEGEAILWQRSAEDQRTSTYNGDIRTRTDQENKDPNPRLEKPVLLSEFPTKIPRGEL
DMPVENGLRAPVSAYQYALANGDVWVKVHEVPDYSMAYGNPGVADATPPWSSYKEQSPQTLELKRQRAAA
KLLSHPFLSTHLGSSMARTGESSEGGKAPLIGGRTSPYSSNGTSVYYTSTSGDPPLLKFKAPIEEMEEKV
HGCCRIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 63.4 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.

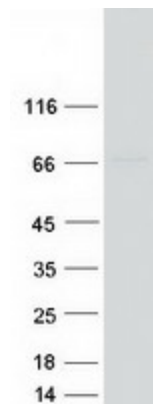
Storage: Store at -80°C.



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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_056383
Locus ID:	26051
UniProt ID:	Q96T49 , E9PFS8
RefSeq Size:	6251
Cytogenetics:	20q11.23
RefSeq ORF:	1701
Synonyms:	ANKRD4; TIMAP
Summary:	The protein encoded by this gene is membrane-associated and contains five ankyrin repeats, a protein phosphatase-1-interacting domain, and a carboxy-terminal CAAX box domain. Synthesis of the encoded protein is inhibited by transforming growth factor beta-1. The protein may bind to the membrane through its CAAX box domain and may act as a signaling molecule through interaction with protein phosphatase-1. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing to generate mature protein. [provided by RefSeq, Sep 2015]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified PPP1R16B protein (Cat# [TP318476]). The protein was produced from HEK293T cells transfected with PPP1R16B cDNA clone (Cat# [RC218476]) using MegaTran 2.0 (Cat# [TT210002]).