

Product datasheet for **TP318476L**

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), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218476 representing NM_015568 Red =Cloning site Green =Tags(s) 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

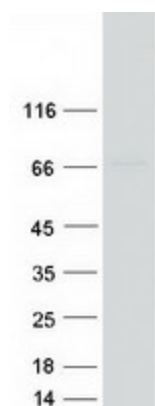
RefSeq ORF: 1701

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]).