

## Product datasheet for **TP318476**

### 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), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA** >Peptide sequence encoded by RC218476  
**Clone or AA Sequence:** Blue=ORF Red=Cloning site Green=Tag(s)

MASHVDLLTELQLLEKVPTLERLRAAQKRRRAQQLKKWAQYEQDLQHRKRKHERKRSTGRRRKKVSFEAS  
VALLEASLRNDAEEVRYFLKKNKVPDLCNEDGLTALHQCCIDNFEIIVKLLLSHGANVNAKDNLWTP  
HAAATCGHINLVKILVQYGADLLAVNSDGNMPYDLCEDEPTLDVIETCMAYQGITQEKINEMRVAPEQQ  
MIADIHCMAAAGQDLWDWAQGATLLHIAGANGYLRAEALLLDHGVVRVDVKDWDGWEPHAAAFWGMQ  
MAELLVSHGASLSARTSMDEMPIDLCSEEEFKVLLLELKHKHDVIMKSQLRHKSSLSRRTSSAGSRGKV  
VRRASLSDRTNLYRKEYEGEAILWQRSAAEDQRTSTYNGDIRETRTDQENKDPNPRLEKPVLLSEFPTK  
IPRGELDMPVENGLRAPVSAYQYALANGDVWKVHEVPDYSMAYGNPGVADATPPWSSYKEQSPQTLEL  
KRQRAAAKLLSHPFLSTHLGSSMARTGESSEGGKAPLIGRTSPYSSNGTSVYYTVTSGDPPLLKFKAP  
IEEMEEKVHGCCRIS  
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using RC218476 also available, [TP318476](#)

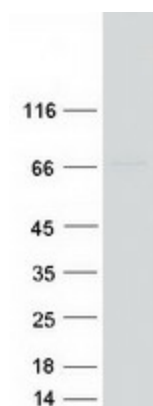
**Tag:** C-Myc/DDK  
**Predicted MW:** 63.4 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was 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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<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_056383</a>
<b>Locus ID:</b>	26051
<b>UniProt ID:</b>	<a href="#">Q96T49</a> , <a href="#">E9PFS8</a>
<b>RefSeq Size:</b>	6251
<b>Cytogenetics:</b>	20q11.23
<b>RefSeq ORF:</b>	1701
<b>Synonyms:</b>	ANKRD4; TIMAP
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).