

Product datasheet for PH318476

PPP1R16B (NM_015568) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PPP1R16B MS Standard C13 and N15-labeled recombinant protein (NP_056383)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218476
Predicted MW:	63.4 kDa
Protein Sequence:	>RC218476 representing NM_015568 Red=Cloning site Green=Tags(s)

MASHVDLLTELQLEKVPPTLERLRAAQKRRRAQQLKKAQYEQDLQHRKRKHERKRSTGRRKKSFEASV
ALLEASLRNDAEEVRYFLKNKVSPLCNEDGLTALHQCCIDNFEEIVKLLL SHGANVNAKDNEIWTPLHA
AATCGHINLVKILVQYGADLLAVNSDGNMPYDLCEDEPTLDVIETCMAYQGITQEKINEMRVAPEQQMIA
DIHCMIAAGQDLWDIDAQGATLLHIAGANGYLRAAELLLDHGVVRVDKWDGWEPHAAAFWGMQMAEL
LVSHGASLSARTSMDEMPIDLCEEEEFKVLLELKHKHDVIMKSQLRHKSSL SRRTSSAGSRGKVRRAS
LSDRTNL YRKEYEGEAILWQSAEDQRTSTYNGDIRETRTDQENKDPNPRLEKPVLLSEFPTKIPRGEL
DMPVENGLRAPVSAYQYALANGDVWVKVHEVPDYSMAYGNPGVADATPPWSSYKEQSPQTLELKRQRAAA
KLLSHPFLSTHLGSSMARTGESSEGGKAPLIGGRTSPYSSNGTSVYTYVTSGDPPLLKFKAPIEEMEEKV
HGCCRIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_056383
RefSeq Size:	6251
RefSeq ORF:	1701



[View online »](#)

Synonyms: ANKRD4; TIMAP

Locus ID: 26051

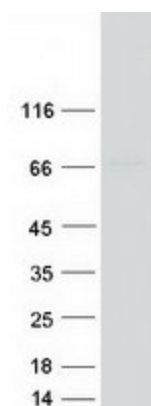
UniProt ID: [Q96T49](#), [E9PFS8](#)

Cytogenetics: 20q11.23

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]).