

Product datasheet for **TP313696**

PPP1R9B (NM_032595) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human protein phosphatase 1, regulatory (inhibitor) subunit 9B (PPP1R9B), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC213696 representing NM_032595
Red=Cloning site **Green**=Tags(s)

MMKTEPRGPGGPLRSASPHRSAYEAGIQALKPPDAPGPDEAPKGAHHKKYGSNVHRIKSMFLQMGTTAGP
SGEAGGGAGLAEAPRASERGVRLSLPRASSLNENVDHSALLKLGTSVSERVSFRDPSKAPSAQPAPPPHP
PSRLQETRKLERSAPAAAGGDKEAAARRLLRQERAGLQDRKLDVVVRFNGSTEALDKLDADAVSPTVSQ
LSAVFEKADSRTGLHRGPGLPRAAGVPQVNSKLVSKRSRVFQPPPPPPAPSGDAPAEKERCPAGQPPQ
HRVAPARPPPKPREVRKIKPVEVEESGESEAESAPGEVIQAEVTVHAALENGSTVATAASPAPPEPKAQA
APEKEAAAVAPPERGVGNRAPDVAPEEVDSEKEDFSEADLVDVSAYSGLGEDSAGSALEEDDEDDEED
GEPPEYEPESGCVEIPGLSEEDPAPSRKIHSTAPIQVFSTYSNEDYDRRVEDVDPMAASAEYELEKRV
RLELFPVELEKDESEGLGISIIGMGAGADMGLEKLGIFVKTVTEGGAHRDGRIVQVNDLLVEVDGTSLVGV
TQSFASVLRNTKGRVRFMIGRERPGEQSEVAQLIQQTLEQERWQREMMEQRYAQYGEDDEETGEYATDE
DEELSPTFPGGEMAIIEVFELAENEDALSPVDMEPEKLVHFKELQIKHAVTEAEIQQLKRKLSLEQEK
RWRVEKAQLEQSVEENKERMEKLEGYWGEAQLCQAVDEHLRETQAQYQALERKYSKAKRLIKDYQQKEI
EFLKKETAQRRVLEESLARKEEMDKLLDKISELEGNLQTLRNSNST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

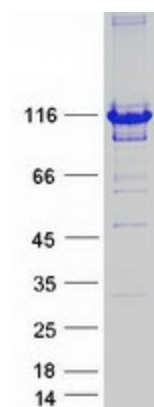
Tag: C-Myc/DDK
Predicted MW: 89.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
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_115984
Locus ID:	84687
UniProt ID:	Q96SB3
RefSeq Size:	4071
Cytogenetics:	17q21.33
RefSeq ORF:	2451
Synonyms:	PPP1R6; PPP1R9; SPINO; Spn
Summary:	This gene encodes a scaffold protein that functions as a regulatory subunit of protein phosphatase 1a. Expression of this gene is particularly high in dendritic spines, suggesting that the encoded protein may play a role in receiving signals from the central nervous system. The encoded protein has putative tumor suppressor function and decreased expression has been observed in tumors. [provided by RefSeq, Feb 2014]
Protein Families:	Druggable Genome, Phosphatase

Product images:



Coomassie blue staining of purified PPP1R9B protein (Cat# TP313696). The protein was produced from HEK293T cells transfected with PPP1R9B cDNA clone (Cat# [RC213696]) using MegaTran 2.0 (Cat# [TT210002]).