

## Product datasheet for **TP313696M**

### 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), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213696 representing NM_032595 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MMKTEPRGPGGPLRSASPHRSAYEAGIQALKPPDAPGPDEAPKGAHHKKYGSNVHRIKSMFLQMGTTAGP  
SGEAGGGAGLAEAPRASERGVRLSLPRASSLNENVDHSALLKLGTSVSERVSFRDPSKAPSAQPAPPPHP  
PSRLQETRKLERSAPAAAGGDKEAAARRLLRQERAGLQDRKLDVVVRFNGSTEALDKLDADAVSPTVSQ  
LSAVFEKADSRTGLHRGPGLPRAAGVPQVNSKLVSKRSRVFQPPPPPPAPSGDAPAEKERCPAGQPPQ  
HRVAPARPPPKPREVRKIKPVEVEESGESEAESAPGEVIQAEVTVHAALENGSTVATAASPAPPEPKAQA  
APEKEAAAVAPPERGVGNRAPDVAPEEVDESKKEDFSEADLVDVSAYSGLGEDSAGSALEEDDEDDEED  
GEPPEPESGCVEIPGLSEEDPAPSRKIHSTAPIQVFSTYSNEDYDRRNEDVDPMAASAEYELEKRV  
RLELFPVELEKDEGLGISIIGMGAGADMGLEKLGIFVKTVTEGGAHRDGRIVQVNDLLVEVDGTSLVGV  
TQSFASVLRNTKGRVRFMIGRERPGEQSEVAQLIQQTLEQERWQREMMEQRYAQYGEDDEETGEYATDE  
DEELSPTFPGGEMAIEVFELAENEDALSPVDMEPEKLVHFKELQIKHAVTEAEIQQLKRKLSLEQEK  
RWRVEKAQLEQSVEENKERMEKLEGYWGEAQLCQAVDEHLRETQAQYQALERKYSKAKRLIKDYQQKEI  
EFLKKETAQRRVLEESLARKEEMDKLLDKISELEGNLQTLRNSNST

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

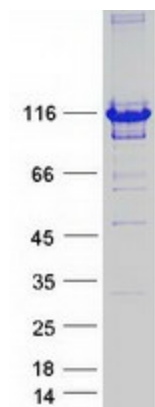
Tag:	C-Myc/DDK
Predicted MW:	89.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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_115984</a>
<b>Locus ID:</b>	84687
<b>UniProt ID:</b>	<a href="#">Q96SB3</a>
<b>RefSeq Size:</b>	4071
<b>Cytogenetics:</b>	17q21.33
<b>RefSeq ORF:</b>	2451
<b>Synonyms:</b>	PPP1R6; PPP1R9; SPINO; Spn
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).