

## Product datasheet for PH313696

### PPP1R9B (NM\_032595) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PPP1R9B MS Standard C13 and N15-labeled recombinant protein (NP_115984)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213696
Predicted MW:	89.2 kDa
Protein Sequence:	>RC213696 representing NM_032595 Red=Cloning site Green=Tags(s)

MMKTEPRGPGGLRSASPHRSAYEAGIQALKPPDAPGPDEAPKGAHHKKYGSNVHRIKSMFLQMGTTAGP  
SGEAGGGAGLAEPRASERGVRLSLPRASSLNENVDHSAALLKLGTSYSERSRFDKPAQAPPPHP  
PSRLQETRKL FERSAPAAAGGDKEAAARRLLRQERAGLQDRKLDVVVRFNGSTEALDKLDADAVSPTVSQ  
LSAVFEKADSRTGLHRGGLPRAAGVPQVNSKL VSKRSRVFQPPPPPPAPSGDAPAEKERCPAGQQPPQ  
HRVAPARPPPKPREVRKIKPVEVEESGSEAEAPGEVIQAEVTVHAALENGSTVATAASPAPPEPKAQA  
APEKEAAVAPPERG VGNRAPDVAPPEVDESKKEDFSEADLVDVSAYSGLGEDSAGSALEEDDEDDEED  
GEPPEPESEGCVEIPGLSEEEDPAPSRKIHFASTAPIQVFSTYSNEDYDRRNEDVDPMAASAEYELEKRV  
RLELFPVELEKDEGLGISIIGMGAGADMGLEKLGIFVKTVTEGGAHRDGRIVNDLLVEVDGTSLVGV  
TQSF AASVLRNTKGRVRFMIGRERPGEQSEVAQLIQQTLEQERWQREMMEQRYAQYGEDDEETGEYATDE  
DEELSPTFPGGEMAEVFE LAENEDALSPVDMEPEKLVHKFKELQIKHAVTEAEIQQLKRKLSLEQEK  
RWRVEKAQLEQSVEENKERMEKLEGYWGEAQLSCQAVDEHLRETQAQYQALERKYSKAKRLIKDYQQKEI  
EFLKKETAQRRVLEESELARKEEMDKLLDKISELEGNLQTLRNSNST

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_115984</a>



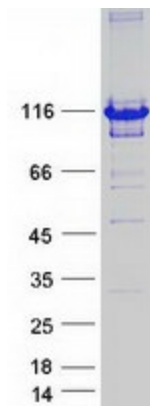
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RefSeq Size:	4071
RefSeq ORF:	2451
Synonyms:	PPP1R6; PPP1R9; SPINO; Spn
Locus ID:	84687
UniProt ID:	<a href="#">Q96SB3</a>
Cytogenetics:	17q21.33

**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]).