

Recombinant Human PPP1R9B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP1R9B-6548H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPP1R9B MS Standard C13 and N15-labeled recombinant protein (NP_115984) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	89.2 kDa
AA Sequence	MMKTEPRGPGGPLRSASPHRSAYEAGIQALKPPDAPGPDEAPKGAHHKKYGSNVH RIKSMFLQMGTAGPSGEAGGGAGLAEAPRASERGVRLSLPRASSLNENVDSALL KLGTSVSERSRFDSPAPSAQPAPPPHPPSRLQETRKLERSAPAAAGGDKEAAA RRLLRQERAGLQDRKLDVVRFNGSTEALDKLDADAVSPTVSQLSAVFEKADSRTG LHRGPGLPRAAGVPQVNSKLVSKRSRVFQPPPPPPAPSGDAPAEKERCPAGQQP PQHRVAPARPPPKPREVRKIKPVEVEESGESEAESAPGEVIQAEVTVHAALENGSTV ATAASPAPEEPKAQAAPKEKEAAVAPPERGVGNRAPDVAPEEVDESKKEDFSEA DLVDVSAYSGLGEDSAGSALEEDDEDDEEDGEPPPYEPESGCVEIPGLSEEDPAPS

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RKIHFASTAPIQVFSTYSNEDYDRRNEDVDPMAASAEYELEKRVERLELFPVELEKDS
 EGLGISIIGMGAGADMGLEKLGIFVKTVTEGGAAHRDGRIVNDLLVEVDGTSLVGV
 QSFAASVLRNTKGRVRFMIGRERPGEQSEVAQLIQQTLEQERWQREMMEQRYAQY
 GEDDEETGEYATDEDEELSPTFPGGEMAIEVFELAENEDALSPVDMEPEKLVHKFK
 ELQIKHAVTEAEIQQLKRKLQSLEQEKGRWRVEKAQLEQSVEENKERMEKLEGYWG
 EAQSLCQAVDEHLRETQAQYQALERKYSKAKRLIKDYQQKEIEFLKKETAQRRVLEE
 SELARKEEMDKLLDKISELEGNLQTLRNSNSTTRTRPLEQKLISEEDLAANDILDYKD
 DDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PPP1R9B protein phosphatase 1 regulatory subunit 9B [Homo sapiens (human)]
Official Symbol	PPP1R9B
Synonyms	PPP1R9B; protein phosphatase 1 regulatory subunit 9B; Spn; SPINO; PPP1R6; PPP1R9; neurabin-2; neurabin-II; protein phosphatase 1, regulatory (inhibitor) subunit 9B; protein phosphatase 1, regulatory subunit 9B, spinophilin
Gene ID	84687

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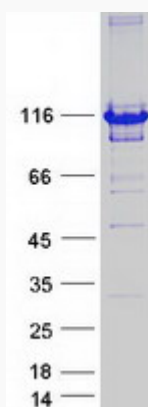
mRNA Refseq NM_032595

Protein Refseq NP_115984

MIM 603325

UniProt ID Q96SB3

SDS-PAGE



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