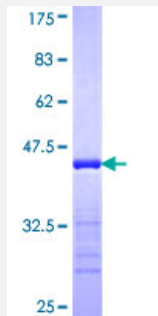


PPP1R9B (Human) Recombinant Protein (Q01)

Catalog # H00084687-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PPP1R9B partial ORF (NP_115984, 708 a.a. - 817 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QLEQSVEENKERMEKLEGYWGEAQS L CQAVDEHLRETQAQYQALERKYSKAKRLIKDYQQKEIE FLKKETAQRRVLEESEELARKEEMDKLLDKISELEGNLQTLRNSNST
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PPP1R9B

Entrez GeneID [84687](#)

GeneBank Accession# [NM_032595](#)

Protein Accession# [NP_115984](#)

Gene Name PPP1R9B

Gene Alias FLJ30345, PPP1R6, PPP1R9, SPINO, Spn

Gene Description protein phosphatase 1, regulatory (inhibitor) subunit 9B

Omim ID [603325](#)

Gene Ontology [Hyperlink](#)

Gene Summary Spinophilin is a regulatory subunit of protein phosphatase-1 catalytic subunit (PP1; see MIM 176875) and is highly enriched in dendritic spines, specialized protrusions from dendritic shafts that receive most of the excitatory input in the central nervous system (Allen et al., 1997 [PubMed 9275233]).[supplied by OMIM]

Other Designations Neurabin-2|neurabin II|protein phosphatase 1, regulatory subunit 9B|protein phosphatase 1, regulatory subunit 9B, spinophilin|spinophilin

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Genetic Predisposition to Disease](#)