

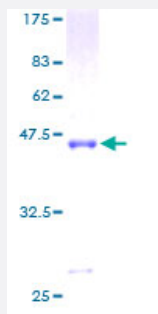
Full-Length

PPP3R1 (Human) Recombinant Protein (P01)

Catalog # H00005534-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PPP3R1 full-length ORF (AAH27913, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGNEASYPLEMCSHFDADADEIKRLGKRFKKLDLDNSGSLSVEEFMSPPELQQNPLVQRVIDIFD TD GNGEVDFKEFIEGVSQFSVKGDKEQKLRFARFYDMDKDGYSNGELFQVLKMMVGNNLKDTQL QQVDKTIINADKGDGRISFEFCAVVGGLDIHKKMVVDV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.44
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 — PPP3R1

Entrez GeneID	5534
GeneBank Accession#	BC027913
Protein Accession#	AAH27913
Gene Name	PPP3R1
Gene Alias	CALNB1, CNB, CNB1
Gene Description	protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform
Omim ID	601302
Gene Ontology	Hyperlink
Gene Summary	regulatory subunit B
Other Designations	calcineurin B, type I (19kDa) protein phosphatase 3 (formerly 2B), regulatory subunit B (19kD), alpha isoform (calcineurin B, type I) protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa , alpha isoform (calcineurin B, type I) protein phosphata

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Axon guidance](#)

- [B cell receptor signaling pathway](#)
- [Calcium signaling pathway](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)
- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)