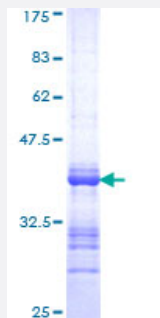


PPP3CB (Human) Recombinant Protein (Q01)

Catalog # H00005532-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PPP3CB partial ORF (NP_066955, 435 a.a. - 524 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LTPTGMLPSGVLGGGRQTLQSATVEAIEAEKAIRGFSPPHRCSFEEAKGLDRINERMPPRKDAVQ QDGFNSLNTAHATENHGTGNHTAQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (98); Rat (97)
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 — PPP3CB

Entrez GeneID	5532
GeneBank Accession#	NM_021132
Protein Accession#	NP_066955
Gene Name	PPP3CB
Gene Alias	CALNA2, CALNB
Gene Description	protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform
Omim ID	114106
Gene Ontology	Hyperlink
Gene Summary	catalytic subunit
Other Designations	OTTHUMP00000019823 calcineurin A beta calcineurin A2 protein phosphatase from PCR fragment H32

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

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)