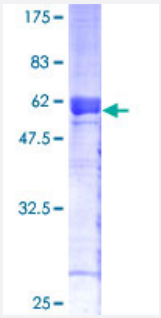
Full-Length

PPP2R3B (Human) Recombinant Protein (P01)

Catalog # H00028227-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PPP2R3B full-length ORF (AAH11180, 1 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MIDRIFSGAVTRGRKVQKEGKISYADFVWFLISEEDKKTPTSIEYWFRCMDLDGDGALSMFELEYF YEEQCRRLDSMAIEALPFQDCLCQMLDLVKPRTEGKITLQDLKRCKLANVFFDTFFNIEKYLDHEQ KEQISLLRDGDSGGPELSDWEKYAAEEYDILVAEETAGEPWEDGFEAELSPVEQKLSALRSPLA QRPFFEAPSPLGAVDLYEYACGDEDLEPL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.49
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 — PPP2R3B

Entrez GeneID	28227
GeneBank Accession#	BC011180
Protein Accession#	AAH11180
Gene Name	PPP2R3B
Gene Alias	NY-REN-8, PPP2R3L, PPP2R3LY, PR48
Gene Description	protein phosphatase 2 (formerly 2A), regulatory subunit B", beta
Omim ID	300339
Gene Ontology	Hyperlink
Gene Summary	Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B"/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holozenzyme. The product of this gene belongs to the B" family. The B" family has been further divided into subfamilies. The product of this gene belongs to the beta subfamily of regulatory subunit B". Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	NY-REN-8 antigen|OTTHUMP00000022820|PP2A B" subunit PR48|PP2A, subunit B, PR48 isoform|protein phosphatase 2, regulatory subunit B", beta|serine/threonine protein phosphatase 2A, 48kDa regulatory subunit B