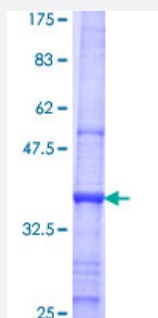


PPT2 (Human) Recombinant Protein (Q01)

Catalog # H00009374-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PPT2 partial ORF (NP_005146, 203 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DHPNATVWRKNFLRVGHLVLIGGPDDGVITPWQSSFFGFYDANETVLEMEEQLVYL RDSFGLKTL LARGAIVRCPMAGISHTAWHSNRTL YETCIEPWLS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (93); Rat (94)
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 — PPT2

Entrez GeneID [9374](#)

GeneBank Accession# [NM_005155](#)

Protein Accession# [NP_005146](#)

Gene Name PPT2

Gene Alias C6orf8, DKFZp564P1516, G14

Gene Description palmitoyl-protein thioesterase 2

Omim ID [603298](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the palmitoyl-protein thioesterase family. The encoded glycosylated lysosomal protein has palmitoyl-CoA hydrolase activity in vitro, but does not hydrolyze palmitate from cysteine residues in proteins. Three transcript variants encoding different isoforms have been described for this gene, with one of the isoforms being inactive. [provided by RefSeq]

Other Designations OTTHUMP00000029377|OTTHUMP00000029378|OTTHUMP00000029380|VE-statin2|palmitoyl-protein hydrolase 2

Pathway

- [Fatty acid elongation in mitochondria](#)
- [Lysosome](#)
- [Metabolic pathways](#)

Disease

- [Arthritis](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Lung Diseases](#)
- [Lupus Erythematosus](#)
- [Obesity](#)