

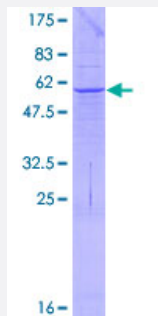
Full-Length

PPT2 (Human) Recombinant Protein (P01)

Catalog # H00009374-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PPT2 full-length ORF (NP_005146.3, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLGLWGQRLPAAWVLLLLPFLPLLLAAPAPHRASYKPVVVHGLFDSSYSFRHLLEYINETHPGT
VVTVLDLFDGRESRLPLWEQVQGFREAVVPIMAKAPQGVHLICYSQGGLVCRALLSVMDHND
SFISLSSPQMGGYGD TDY LKWLFP TSMRSNLYRICYSPWGQEF SICNYWHD PHHDDL YLNASSFL
ALINGERDHPNATVWRKNFLRVGHLVLIGGPDDGVITPWQSSFFGFYDANETVLEMEEQLVYLRD
SFGLKTL LARGAIVRCPMAGISHTAWHSNRTL YETCIEPWLS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.7

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_005155.5](#)**Protein Accession#**[NP_005146.3](#)**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](#)