

# Recombinant Human PPT1 protein, Fc-tagged

**Cat. No.** PPT1-366H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PPT1 protein(P50897-1)(Met1-Gly306) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-306 aa                                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant human PPT1/Fc comprises 520 amino acids and has a predicted molecular mass of 58.3 kDa. The apparent molecular mass of the protein is approximately 58-67 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                       |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE.                                                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                 |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                        |

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## GENE INFORMATION

**Gene Name** PPT1 palmitoyl-protein thioesterase 1 [ Homo sapiens ]

**Official Symbol** PPT1

**Synonyms** PPT1; palmitoyl-protein thioesterase 1; PPT; ceroid lipofuscinosis; neuronal 1; infantile; CLN1; INCL; PPT-1; palmitoyl-protein hydrolase 1; ceroid-palmitoyl-palmitoyl-protein thioesterase 1;

**Gene ID** 5538

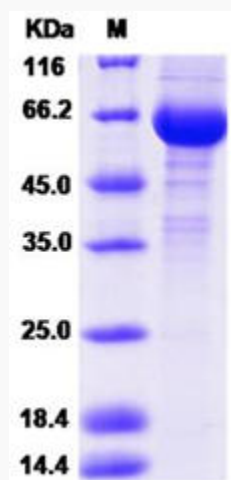
**mRNA Refseq** NM\_000310

**Protein Refseq** NP\_000301

**MIM** 600722

**UniProt ID** P50897

### SDS-PAGE



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