

Recombinant Full Length Human PPT1 protein, His-tagged

Cat. No. PPT1-367H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PPT1 protein(P50897-1)(Met1-Gly306) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-306 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human PPT1 comprises 290 amino acids and has a predicted molecular mass of 32.7 kDa. The apparent molecular mass of the protein is approximately 35-41 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.
Storage	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.
Reconstitution	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

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