

## Recombinant Human PPT1 protein, His-tagged

Cat. No. PPT1-3341H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PPT1 protein(1-306 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-306 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	MASPGCLWLLAVALLPWTCASRALQHLDPPAPLPLVIWHGMGDSCCNPLSMGAIKK MVEKKIPGIYVLSLEIGKTLMEDVENSFFLNVNSQVTTVCQALAKDPKLQGGYNAMG FSQGGQFLRAVAQRCPSPPMINLISVGGQHQQGVFGLPRCPGESSHICDFIRKTLNAG AYSKVVQERLVQAEYWHDKEDVYRNHSIFLADINQERGINESYKKNLMALKKFVM VKFLNDSIVDPVDSEWFGFYRSGQAKETIPLQETSPLYTQDRLGLKEMDNAGQLVFLA TEGDHLQLSEEWFYAHIIPFLG
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## 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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