

## 32-7901: Recombinant Human Palmitoyl-Protein Thioesterase 1/PPT1 (C-6His)(Discontinued)

**Gene :** PPT1  
**Gene ID :** 5538  
**Uniprot ID :** P50897

### Description

Source: Human Cells.  
MW :32.3kD.

Recombinant Human Palmitoyl-protein thioesterase 1 is produced by our Mammalian expression system and the target gene encoding Asp28-Gly306 is expressed with a 6His tag at the C-terminus. Palmitoyl-protein thioesterase 1(PPT-1 for short), also known as Palmitoyl-protein hydrolase 1, belongs to the palmitoyl-protein thioesterase family. It is a small glycoprotein involved in the catabolism of lipid-modified proteins during lysosomal degradation. This enzyme removes thioester-linked fatty acyl groups such as palmitate from modified cysteine residues in proteins or peptides during lysosomal degradation. Defects in PPT1 are the cause of neuronal ceroid lipofuscinosis type 1.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,150mM NaCl,10%Glycerol,pH7.5.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** DPPAPLPLVIWHGMGDSCCNPLSMGAIKKMVEKKIPGIYVLSLEIGKTLMEDVENSFFLNVNSQVTTVCQALAKD  
PKLQQGYNAMGFSQGGQFLRAVAQRCPSPMINLISVGGQHQQGVFGLPRCPGESSHICDFIRKTLNAGAYSKV  
VQERLVQAEYWHDPIKEDVYRNHSIFLADINQERGINESYKKNLMAKKFVMVKFLNDSIVDPVDSEWFGFYRS  
GQAKETIPLQETSLYTQDRLGLKEMDNAGQLVFLATEGDHLQLSEEWFYAHIIIPFLGVDHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.