

## **PRODUCT INFORMATION**

PPT1 **Target** 

CLN1;PPT **Synonyms** 

Recombinant human PPT1 protein with C-terminal **Description** 

6×His tag

**Delivery** In Stock **Uniprot ID** P50897 **HEK293 Expression Host** 

Tag C-6×His Tag

Molecular

Purity

**Background** 

PPT1(Asp28-Gly306) 6×His tag Characterization

The protein has a predicted molecular mass 32.1 **Molecular Weight** 

of kDa after removal of the signal peptide. The apparent molecular mass of PPT1-His is

approximately 33-40 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a small glycoprotein involved in the catabolism of lipidmodified proteins during lysosomal degradation. The encoded enzyme removes thioester-linked fatty acyl groups such as palmitate from cysteine residues. Defects in this gene are a cause of infantile neuronal ceroid lipofuscinosis 1 (CLN1, or

INCL) and neuronal ceroid lipofuscinosis 4 (CLN4). Two transcript variants encoding different

isoforms have been found for this gene.[provided

by RefSeq, Dec 2008]

Usage Research use only

Unconjugated Conjugate

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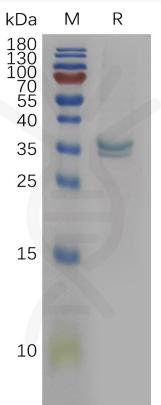


Figure 1. Human PPT1 Protein, His Tag on SDS-PAGE under reducing condition.

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