

**Recombinant Human Palmitoyl-Protein Thioesterase 1/PPT1 Protein(C-6His)**

**Cat.NO.: TP05040**

3th Edition

**Synonyms:**Palmitoyl-protein thioesterase 1;PPT-1;Palmitoyl-protein hydrolase 1;PPT1

**Description:**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.

**Form:**PBS

**Molecular Weight:**32.3 kDa

**Sequences:**Asp28-Gly306

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.