

Recombinant Human PPT1 protein

Catalog No.	5085315
Size	10ug / 50ug
Product Category	Recombinant Protein
Target	PPT1
Locus ID	5538
UniProt ID	P50897
Expressed Sequence	1-306aa
Expression Host	E.coli
Tag Fusion	6x His Tag at the N-terminus
Mol. Weight	34 kDa
Purity	>85%
Purification	NI-NTA affinity purification
Formulation	Lyophilized, 0.2um filtered solution of Tris-HCl (pH 8.0)
Reconstitution	Reconstitute with distilled PBS
Reactivity	Human, Mouse, Rat, Fruit fly

Synonyms	palmitoyl-protein thioesterase 1 (PPT1); The protein encoded by this gene is a small glycoprotein involved in the catabolism of lipid-modified 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.
Storage/Stability	-20°C for 2-3 years
Shipping	Gel Packs