

Recombinant Human PPT1, Fc-tagged

Cat. No. PPT1-366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human PPT1 (P50897-1)(Met1-Gly306) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	Met1-Gly306
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human PPT1/Fc comprises 520 amino acids and has a predicted molecular mass of 58.3 kDa. The apparent molecular mass of the protein is approximately 58-67 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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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
Chromosome Location	1p32
Pathway	Fatty acid elongation, organism-specific biosystem; Fatty acid elongation, conserved biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	hydrolase activity; palmitoyl-(protein) hydrolase activity; palmitoyl-(protein) hydrolase activity; palmitoyl-(protein) hydrolase activity; palmitoyl-(protein) hydrolase activity; palmitoyl-CoA hydrolase activity; palmitoyl-CoA hydrolase activity;

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