PRODUCT INFORMATION

Target	PPT
Synonyms	CLN1;INCL;PPT
Description	Recombinant human PPT protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	P20366
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	PPT (Arg58-Met107) hFc(Glu99-ALA330)
Molecular Weight	The protein has a predicted molecular mass of 30.69 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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. [provided by RefSeq, Dec 2008]
Usage	Research use only
Conjugate	Unconjugated

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