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32-17982: Recombinant Human PPT1 Protein, His Tag

Uniprot ID : P50897
Alternative Name : CLN1; PPT

Description

Molecular Characterization: PPT1(Asp28-Gly306) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass 32.1 of kDa after removal of the signal peptide. The apparent molecular mass of PPT1-His is approximately 33-40 kDa due to glycosylation.
Description: Recombinant human PPT1 protein with C-terminal 6Ã—His tag
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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.