HUMAN PPT PROTEIN, HFC TAG

Cat.#: 11741

Product Name: Human PPT Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CLN1;INCL;PPT

Target: PPT

UNIPROT ID: P20366

Description: Recombinant human PPT protein with C-terminal human Fc tag

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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 30.69 kDa after removal of the signal peptide.

Molecular Characterization: PPT (Arg58-Met107) hFc(Glu99-ALA330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.