Datasheet for ABIN7455581

PPT1 Protein (AA 28-306) (His tag)

1 Image

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Overview

Quantity:	10 µg
Target:	PPT1
Protein Characteristics:	AA 28-306
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPT1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human PPT1 protein with C-terminal 6xHis tag
Specificity:	PPT1 (Asp28-Gly306) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PPT1
Alternative Name:	PPT1 (PPT1 Products)
Background:	The protein encoded by this gene is a small glycoprotein involved in the catabolism of lipid-

Target Details

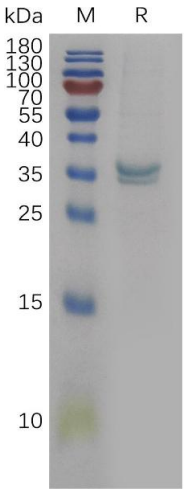
	modified proteins during lysosomal degradation. The encoded enzyme removes thioester-linked fatty acyl groups such as palmitate from cysteine residues. Defects in this gene are a cause of infantile neuronal ceroid lipofuscinosis 1 (CLN1, or INCL) and neuronal ceroid lipofuscinosis 4 (CLN4). Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Dec 2008]
Molecular Weight:	predicted molecular mass 32.1 of kDa after removal of the signal peptide. The apparent molecular mass of PPT1-His is 33-40 kDa due to glycosylation.
UniProt:	P50897
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human Protein, His Tag on SDS-PAGE under reducing condition.