

Recombinant Human PPT1 Protein (His Tag)

Catalog Number:PKSH032848



Note: Centrifuge before opening to ensure complete recovery of vial contents.

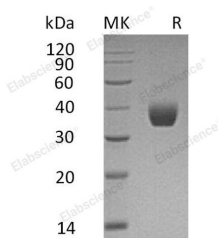
Description

Synonyms	Palmitoyl-protein thioesterase 1;PPT-1;Palmitoyl-protein hydrolase 1;PPT1
Species	Human
Expression Host	HEK293 Cells
Sequence	Asp28-Gly306
Accession	P50897
Calculated Molecular Weight	32.3 kDa
Observed molecular weight	34-41 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Palmitoyl-protein thioesterase 1 (PPT-1 for short), also known as Palmitoyl-protein hydrolase 1, belongs to the palmitoyl-protein thioesterase family. It is a small glycoprotein involved in the catabolism of lipid-modified proteins during lysosomal degradation. This enzyme removes thioester-linked fatty acyl groups such as palmitate from modified cysteine residues in proteins or peptides during lysosomal degradation. Defects in PPT1 are the cause of neuronal ceroid lipofuscinosis type 1.

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