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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PPT1 (Human) Recombinant Protein (P01)

Catalog Number: H00005538-P01

Regulation Status: For research use only (RUO)

Product Description: Human PPT1 full-length ORF (NP_000301.1, 1 a.a. - 306 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MASPGCLWLLAVALLPWTCASRALQHLDPPAPLPLVI
WHGMGDSCCNPLSMGAIKKMVEKKIPGIYVLSLEIGKT
LMEDVENSFFLNVNSQVTTVCQALAKDPKLQQGYNA
MGFSQGGQFLRAVAQRCPSPPMINLISVGGQHQGVF
GLPRCPGESSHICDFIRKTLNAGAYSKVVQERLVQAEY
WHDPIKEDVYRNHSIFLADINQERGINESYKKNLMALK
KFVMVKFLNDSIVDPVDSEWFGFYRSGQAKETIPLQET
SLYTQDRLGLKEMDNAGQLVFLATEGDHLQLSEEWFY
AHIIPFLG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60.6

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5538

Gene Symbol: PPT1

Gene Alias: CLN1, INCL, PPT

Gene Summary: 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]