

## Product datasheet for TP721098M

## PPT1 (NM\_000310) Human Recombinant Protein

## **Product data:**

Pescription:Purified recombinant protein of Human palmitoyl-protein thioesterase 1 (PPT1), transcription variant 1Species:HumanExpression CDNA CloueHEK293Expression cDNA CloueAsp28-Gly306Tag:C-HisTag:C-HisPredicted MW:3.23 kDaPurity:95% as determined by SDS-PAGE and Coomassie blue stainingPurity:Provided Jophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClRaforence:Storage:Storage:Koota t-80°C.Stability:Stabe for at least 3 months from date of receipt under proper storage and handling conditions.RafSeq:NP 000301Locus ID:Stabe for at least 3 months from date of receipt under proper storage and handling conditions.RafSeq Size:194.2Atogenetics:194.2RafSeq ORF:198.2Kingonym:Cuty, IPYT	Product Type:	Recombinant Proteins
Fxpression Host:HEK293Expression cDNA Clow or AA Sequence:Asp28-Gly306Tag:C-HisTag:C-HisPredicted MW:32.3 kDaPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClBuffer:Frodicted NovaStorage:Stora 4.80°C.Stability:Stole for at least 3 months from date of receipt under proper storage and handling conditions.RefSeq:NP 000301Lous ID:S538UniProt ID:Stole 504Afseq Size:S0497ArefSeq Size:S0497Storage:S194.2Storage:S194.2Storage:S194.2Barder Size:S194.2Storage:<	Description:	
ArborAsp28-Gly306Tag:C-HisPredicted MW:32.3 kDaPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClBuffer:Endotoxin:Storage:Store at -80°C.Stability:Stabe for at least 3 months from date of receipt under proper storage and handling conditions.RefSeq:NP 00301Locus ID:538VinProt ID:50897RefSeq Size:204Mage Size:194.2Stage ORF:918	Species:	Human
or AA Sequence:Tag:C-HisPredicted MW:32.3 kDaPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaClEndotoxin:Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)	Expression Host:	HEK293
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Endotoxin:Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)	Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
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conditions.RefSeq:NP 000301Locus ID:5538UniProt ID:P50897RefSeq Size:2504Otygenetics:1p34.2RefSeq ORF:918	Storage:	Store at -80°C.
Locus ID: 5538   UniProt ID: P50897   RefSeq Size: 2504   Cytogenetics: 1p34.2   RefSeq ORF: 918	Stability:	
UniProt ID: P50897   RefSeq Size: 2504   Cytogenetics: 1p34.2   RefSeq ORF: 918	RefSeq:	<u>NP 000301</u>
RefSeq Size: 2504   Cytogenetics: 1p34.2   RefSeq ORF: 918	Locus ID:	5538
Cytogenetics: 1p34.2   RefSeq ORF: 918	UniProt ID:	<u>P50897</u>
RefSeq ORF:918	RefSeq Size:	2504
•	Cytogenetics:	1p34.2
Synonyms: CLN1; INCL; PPT	RefSeq ORF:	918
	Synonyms:	CLN1; INCL; PPT



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	PPT1 (NM_000310) Human Recombinant Protein – TP721098M
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.[provided by RefSeq, Dec 2008]
Protein Families	: Druggable Genome
Protein Pathway	<i>ys:</i> Fatty acid elongation in mitochondria, Lysosome, Metabolic pathways

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