

Product datasheet for **SC214098**

PPT1 (NM_000310) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PPT1 (NM_000310) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PPT1
Synonyms: CLN1; INCL; PPT
ACCN: NM_000310
Insert Size: 1379 bp
Insert Sequence: >SC214098 3'UTR clone of NM_000310

The sequence shown below is from the reference sequence of NM_000310. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATGCCACATCATACCATTCCCTTGGATGAACCCGTATAGTTCACAATAGAGCTCAGGGAGCCCCTAA
CTCTTCCAAACCATGGGAGACAGTTCCTTCATGCCCAAGCCTGAGCTCAGATCCAGCTTGCAACTA
ATCCTTCTATCATCTAACATGCCCTACTTGAAAAGATCTAAGATCTGAATCTTATCCTTTGCCATCTTC
TGTTACCATATGGTGTGAATGCAAGTTAATTACCATGGAGATTGTTTTACAACTTTTGTATGTGGTC
AAGTTCAGTTTTAGAAAAGGGAGTCTGTTCCAGATCAGTGCCAGAACTGTGCCAGGCCCAAAGGAGAC
AACTAACTAAAGTAGTGAGATAGATTCTAAGGGCAAAACATTTTTCCAAGTCTTGCCATATTTCAAGCAA
AGAGGTGCCAGGCCTGAGGTAACATAAATGCTTTGTTTTGCTGGTGATTTAACAGTGCTTGGAA
AAATCTTGCTGGCTATTTCTGCATCATTTCTAAGGCTGCCTCCTCTCAGTACGTTGCCCTCTGT
GCTATCATCTTATCATCAATTATTAGACAAATCCCACTGGCCTACAGTCTTGCTTCTGCAGACCCACT
TTGTCTCCTCAGGTAGTGATGAATTAGTTGCTGTCACAAAAGGAGGAAGTAGCACCCAAATTAAGTTG
CTTAAGAGAGGAAATGTACATCTTGTATAAATTAGGGAGCGAAGAAAATGTAGGCCGCGAAAGTAAAAG
TGAGGCAGCTAGTTCTTCTATTCCATTCTCGACCAACCTGCCCTTTCTTAATATGACTAGTGGTCTTG
ATGCTAGAGTCAACTTACTCTGTTGCTGGCTTTAGCAGAGAATAGGAGGAACCATATGAAAAAGATCAG
GCTTTCTGACTTCCATCCCCAAAACACATTTACCAGCATACTCCAACTGTTTCTGATGTGTTCCATGA
GAAAAGGATTGTTTGCTCAAAAAGCTTGGAAAATACTACACACTCCCTTTCTCCTTCTGGAGATCAACC
CACATTAGAGTGTCTAAGGACTCCTGAGAATCCTGTTACAGTAAACAAAACCTAACGTAATCTACCATT
TCCTACACTATTTGAGCATGGAATCATAGTCCCCTCTGTGAAAACCTAACGCTTTTTTGAAGACAT
TCTGTAGCATGTGAGTTGGAGAAATGATGAGCTACGCTTGTGAAAGAACCCTGTTGGTGCTGCTA
AGTTTAGCCATTATGGTTTTTCTTCTCTCTTAAGCCTTATTCTTCACTAAAAGATGAGGATTAA
GAGCAAGAAGTTGGGGGGATGTGAAAATAATTTTATGAGTTGTCTAAAATAAAGAGTAGTTTCTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_000310.4</u>
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]
Locus ID:	5538
MW:	52.5