

## Product datasheet for **SC214094**

### **PPT1 (NM\_001142604) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PPT1 (NM_001142604) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPT1
Synonyms:	CLN1; INCL; PPT
ACCN:	NM_001142604
Insert Size:	2000 bp



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**Insert Sequence:** >SC214094 3'UTR clone of NM\_001142604  
 The sequence shown below is from the reference sequence of NM\_001142604. 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
TATGCCACATCATACCATTCTTGATGAACCCGTATAGTTCACAATAGAGCTCAGGAGCCCTAA
CTCTTCCAAACCACATGGGAGACAGTTTCTTCATGCCCAAGCCTGAGCTCAGATCCAGCTTGCAACTA
ATCCTTCTATCATCTAACATGCCCTACTTGAAAAGATCTAAGATCTGAATCTTATCCTTTGCCATCTTC
TGTTACCATATGGTGTGAATGCAAGTTAATTACCATGGAGATTGTTTTACAACTTTTGATGTGGTC
AAGTTCAGTTTTAGAAAAGGGAGTCTGTTCCAGATCAGTGCCAGAACTGTGCCAGGCCAAAGGAGAC
AACTAACTAAAGTAGTGAGATAGATTCTAAGGGCAAACATTTTTCCAAGCTTGCCATATTTCAAGCAA
AGAGGTGCCAGGCTGAGGTACTCACATAAATGCTTTGTTTTGCTGGTATTTAACCAGTCTTGAA
AAATCTTGCTGGCTATTTCTGCATCATTTCTAAGGCTGCCTTCTCTCAGTACGTTGCCCTCTGT
GCTATCATCTTATCATCAATTATTAGACAAATCCCACTGGCCTACAGTCTTGCTTCTGCAGCACCCACT
TTGTCTCCTCAGGTAGTGATGAATTAGTTGCTGTCAAAAAGGAGGGAAGTAGCACCCAAATTAAGTTG
CTTAAGAGAGGAAATGTACATCTTGATAAATTAGGGAGCGAAGAAAATGTAGGCGCGAAAGTAAAAG
TGAGGCAGCTAGTTCTTCTATTCCATTCTCGACCAACCTGCCCTTTCTTAATATGACTAGTGGTCTTG
ATGCTAGAGTCAACTTACTCTGTGTGGCTTTAGCAGAGAATAGGAGGAACCATATGAAAAAGATCAG
GCTTTCTGACTCCATCCCCAAAACACATTTACCAGCATACTCCAACCTGTTTCTGATGTGTTCCATGA
GAAAAGGATTGTTGCTCAAAAAGCTTGGAAAATACTACACACTCCCTTTCTCCTTCTGGAGATCAACC
CACATTAGAGTGTCTAAGGACTCCTGAGAATCCTGTTACAGTAAACAAAATAACGTAATCTACCATT
TCTACACTATTTGAGCATGGAAATCATAGTCCCACTCTGTGAAAACCTAACGCTTTTTGGAAAGCAT
TTCTGTAGCATGTGAGTTGGAGAAATGATGAGCTACGCCTTGATGAAAGAACCCTGTTGGTGTCTGCTA
AGTTTAGCCATTATGGTTTTCTCTCTCTTAAGCCTTATTCTTCAACTAAAAGATGAGGATTAA
GAGCAAGAAGTTGGGGGGATGTGAAAATAATTTTATGAGGTTGTCTAAAATAAAGAGTAGTTTCTTAT
CCTTGGTGTTCAGTATTTTTGCATTTCTGTACAGCCAATATCACAGGTAAACAATAAGCAAGTTT
GGTATTAACCTTATTCTATTTCTGTATAACTTTAAGTACATAAAGGTTTATTTCCACAGGCCTCAGGA
AATGGGTAGAAATCACAGGACAATCTCTTCCCACAAAAAAGTTGCATATTTGGTAAGTGTGTTG
TCCTAGAGGGAAAAACAATACTGAAATTTACATTAGCAGTGTGTGCAAGATTCTTACATAATCAAGACC
TAAAACAGCCTGCAGTGGAGGTTTCAGTCCTCTGTTACGGTGTCTAGACAGAAGCCATAAGCTGATGA
GCATGACAGGGAAAAGGAGGCAGTGAAGACAGGTGACAGGCACCTGGCAGGGAAGAAGGATTGAGGAAT
GCCAGACTCCTTGAAATCATGTGGGTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAGTCATCTCTATAGGAA
GGTGTGGCAGGGATCCCAGAGAAAGAAAGGGTCCAAGACTCCATTAAGTGCCTGGATGAAGGGCAC
TGCTACAGCAGTAGTACCAGAGACTCTCCTATCTCACGGTTGAGGCAGACCCAGGATAGAATAGAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**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:** [NM\\_001142604.2](#)

**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:** 75.6