

## Product datasheet for **RC200272L4V**

### PPT2 (NM\_005155) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PPT2 (NM_005155) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPT2
Synonyms:	C6orf8; G14; PPT-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005155
ORF Size:	906 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200272).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_005155.5</a> , <a href="#">NP_005146.3</a>
RefSeq Size:	2063 bp
RefSeq ORF:	909 bp
Locus ID:	9374
UniProt ID:	<a href="#">Q9UMR5</a>
Cytogenetics:	6p21.32
Protein Families:	Transmembrane
Protein Pathways:	Fatty acid elongation in mitochondria, Lysosome, Metabolic pathways



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**MW:** 34.3 kDa

**Gene Summary:** This gene encodes a member of the palmitoyl-protein thioesterase family. The encoded glycosylated lysosomal protein has palmitoyl-CoA hydrolase activity in vitro, but does not hydrolyze palmitate from cysteine residues in proteins. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream EGFL8 (EGF-like-domain, multiple 8) gene. [provided by RefSeq, Feb 2011]