

## Product datasheet for **RC209009L2V**

### PM20D1 (NM\_152491) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PM20D1 (NM_152491) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PM20D1
Synonyms:	Cps1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_152491
ORF Size:	1506 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209009).
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_152491.3</a>
RefSeq Size:	2200 bp
RefSeq ORF:	1509 bp
Locus ID:	148811
UniProt ID:	<a href="#">Q6GTS8</a>
Cytogenetics:	1q32.1
Protein Families:	Transmembrane
MW:	55.8 kDa



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**Gene Summary:**

Bidirectional N-fatty-acyl amino acid synthase/hydrolase that regulates the production of N-fatty-acyl amino acids. These metabolites are endogenous chemical uncouplers of mitochondrial respiration. In an UCP1-independent manner, maybe through interaction with mitochondrial transporters, they promote proton leakage into the mitochondrial matrix. Thereby, this secreted protein may indirectly regulate the bodily dissipation of chemical energy as heat through thermogenic respiration.[UniProtKB/Swiss-Prot Function]