

## Product datasheet for **RC204231L2V**

### OSGEPL1 (NM\_022353) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	OSGEPL1 (NM_022353) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OSGEPL1
Synonyms:	OSGEPL; Qri7
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_022353
ORF Size:	1242 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204231).
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_022353.2</a> , <a href="#">NP_071748.2</a>
RefSeq Size:	2339 bp
RefSeq ORF:	1245 bp
Locus ID:	64172
UniProt ID:	<a href="#">Q9H4B0</a>
Cytogenetics:	2q32.2
Protein Families:	Druggable Genome, Protease
MW:	45.1 kDa



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**Gene Summary:**

Required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t(6)A37) in mitochondrial tRNAs that read codons beginning with adenine. Probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37. Involved in mitochondrial genome maintenance.[UniProtKB/Swiss-Prot Function]