

## Product datasheet for **RC219080L4V**

### OPLAH (NM\_017570) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	OPLAH (NM_017570) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OPLAH
Synonyms:	5-Opase; OPLA; OPLAHD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017570
ORF Size:	3864 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219080).
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_017570.1</a>
RefSeq Size:	3944 bp
RefSeq ORF:	3867 bp
Locus ID:	26873
UniProt ID:	<a href="#">O14841</a>
Cytogenetics:	8q24.3
Protein Pathways:	Glutathione metabolism
MW:	137.3 kDa



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**Gene Summary:**

The protein encoded by this gene acts as a homodimer, using ATP hydrolysis to catalyze the conversion of 5-oxo-L-proline to L-glutamate. Defects in this gene are a cause of 5-oxoprolinase deficiency (OPLAHD). [provided by RefSeq, Jun 2012]