

## Product datasheet for **RC212925L3V**

### OGR1 (GPR68) (NM\_003485) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	OGR1 (GPR68) (NM_003485) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OGR1
Synonyms:	A12A6; GPR12A; OGR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003485
ORF Size:	1125 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212925).
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_003485.2</a> , <a href="#">NP_003476.2</a>
RefSeq Size:	1523 bp
RefSeq ORF:	1098 bp
Locus ID:	8111
UniProt ID:	<a href="#">Q15743</a>
Cytogenetics:	14q32.11
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	41.9 kDa



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**Gene Summary:**

The protein encoded by this gene is a G protein-coupled receptor for sphingosylphosphorylcholine. The encoded protein is a proton-sensing receptor, inactive at pH 7.8 but active at pH 6.8. Mutations in this gene are a cause of amelogenesis imperfecta. [provided by RefSeq, Feb 2017]