

## Product datasheet for **RC216623L4V**

### Folate Receptor 4 (IZUMO1R) (NM\_001080486) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Folate Receptor 4 (IZUMO1R) (NM_001080486) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Folate Receptor 4
Synonyms:	folate receptor 4 (delta) homolog; folate receptor 4 (delta) homolog (mouse); Folbp3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001080486
ORF Size:	729 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216623).
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_001080486.1</a> , <a href="#">NP_001073955.1</a>
RefSeq Size:	732 bp
RefSeq ORF:	731 bp
Locus ID:	390243
Cytogenetics:	11q21
MW:	27.8 kDa



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**Gene Summary:**

Receptor for IZUMO1 present at the cell surface of oocytes (oolemma), which is essential for species-specific gamete recognition and fertilization. The IZUMO1:IZUMO1R/JUNO interaction is a necessary adhesion event between sperm and egg that is required for fertilization but is not sufficient for cell fusion. The ligand-receptor interaction probably does not act as a membrane 'fusogen'. Does not bind folate.[UniProtKB/Swiss-Prot Function]