

## Product datasheet for **RC206671L4V**

### IZUMO1 (NM\_182575) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	IZUMO1 (NM_182575) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IZUMO1
Synonyms:	IZUMO; OBF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182575
ORF Size:	1050 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206671).
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_182575.1</a> , <a href="#">NP_872381.1</a>
RefSeq Size:	1621 bp
RefSeq ORF:	1053 bp
Locus ID:	284359
UniProt ID:	<a href="#">Q8IYV9</a>
Cytogenetics:	19q13.33
Protein Families:	Transmembrane
MW:	39 kDa



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**Gene Summary:**

The sperm-specific protein Izumo, named for a Japanese shrine dedicated to marriage, is essential for sperm-egg plasma membrane binding and fusion (Inoue et al., 2005 [PubMed 15759005]).[supplied by OMIM, Mar 2008]