

## Product datasheet for RC206671L3V

## OriGene Technologies, Inc.

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## 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 Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

**ACCN:** NM\_182575

ORF Size: 1050 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC206671).

Sequence:
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. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**RefSeg:** NM 182575.1, NP 872381.1

 RefSeq Size:
 1621 bp

 RefSeq ORF:
 1053 bp

 Locus ID:
 284359

 UniProt ID:
 Q8IYV9

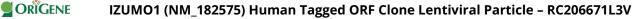
 Cytogenetics:
 19q13.33

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**Protein Families:** Transmembrane

**MW:** 39 kDa







**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]