

## Product datasheet for **RC222023L4V**

### OIF (OGN) (NM\_024416) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	OIF (OGN) (NM_024416) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OIF
Synonyms:	OG; OIF; SLRR3A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024416
ORF Size:	894 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222023).
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_024416.2</a> , <a href="#">NP_077727.1</a>
RefSeq Size:	2793 bp
RefSeq ORF:	1071 bp
Locus ID:	4969
UniProt ID:	<a href="#">P20774</a>
Cytogenetics:	9q22.31
Domains:	LRR, LRR_TYP
Protein Families:	Secreted Protein



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**MW:** 36.5 kDa

**Gene Summary:** This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family of proteins. The encoded protein induces ectopic bone formation in conjunction with transforming growth factor beta and may regulate osteoblast differentiation. High expression of the encoded protein may be associated with elevated heart left ventricular mass. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]