

## Product datasheet for **RC202149L4V**

### ICA1 (NM\_004968) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ICA1 (NM_004968) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ICA1
Synonyms:	ICA69; ICAp69
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004968
ORF Size:	1446 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202149).
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_004968.2</a> , <a href="#">NP_004959.2</a>
RefSeq Size:	2396 bp
RefSeq ORF:	1452 bp
Locus ID:	3382
UniProt ID:	<a href="#">Q05084</a>
Cytogenetics:	7p21.3
Domains:	ICA69
Protein Pathways:	Type I diabetes mellitus



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**MW:** 54.5 kDa

**Gene Summary:** This gene encodes a protein with an arfaptin homology domain that is found both in the cytosol and as membrane-bound form on the Golgi complex and immature secretory granules. This protein is believed to be an autoantigen in insulin-dependent diabetes mellitus and primary Sjogren's syndrome. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]