

## Product datasheet for **RC216908L3V**

### Ovary specific acidic protein (MGARP) (NM\_032623) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ovary specific acidic protein (MGARP) (NM_032623) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Ovary specific acidic protein
Synonyms:	C4orf49; CESP-1; HUMMR; OSAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_032623
ORF Size:	720 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216908).
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_032623.3</a>
RefSeq Size:	1219 bp
RefSeq ORF:	723 bp
Locus ID:	84709
UniProt ID:	<a href="#">Q8TDB4</a>
Cytogenetics:	4q31.1
Protein Families:	Transmembrane



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**MW:** 25.2 kDa

**Gene Summary:** Plays a role in the trafficking of mitochondria along microtubules. Regulates the kinesin-mediated axonal transport of mitochondria to nerve terminals along microtubules during hypoxia. Participates in the translocation of TRAK2/GRIF1 from the cytoplasm to the mitochondrion. Also plays a role in steroidogenesis through maintenance of mitochondrial abundance and morphology (By similarity).[UniProtKB/Swiss-Prot Function]