OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC210144L1V

MOS (NM_005372) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MOS (NM_005372) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MOS
Synonyms:	MSV
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005372
ORF Size:	1040 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210144).
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.
RefSeq:	NM_005372.1, NP_005363.1
RefSeq Size:	1041 bp
RefSeq ORF:	1041 bp
Locus ID:	4342
UniProt ID:	P00540
Cytogenetics:	8q12.1
Protein Families:	Druggable Genome, Protein Kinase

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Protein Pathways:	MAPK signaling pathway, Oocyte meiosis, Progesterone-mediated oocyte maturation, Regulation of actin cytoskeleton
MW:	37.8 kDa
Gene Summary:	MOS is a serine/threonine kinase that activates the MAP kinase cascade through direct phosphorylation of the MAP kinase activator MEK (MAP2K1; MIM 176872) (Prasad et al., 2008 [PubMed 18246541]).[supplied by OMIM, Jul 2009]