

Product datasheet for **MR219759L4V**

Spam1 (NM_009241) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Spam1 (NM_009241) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Spam1
Synonyms:	AV039194; Ph-20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009241
ORF Size:	1536 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219759).
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_009241.3 , NP_033267.2
RefSeq Size:	2107 bp
RefSeq ORF:	1539 bp
Locus ID:	20690
UniProt ID:	P48794
Cytogenetics:	6 11.28 cM



[View online »](#)

Gene Summary:

Involved in sperm-egg adhesion. Upon fertilization sperm must first penetrate a layer of cumulus cells that surrounds the egg before reaching the zona pellucida. The cumulus cells are embedded in a matrix containing hyaluronic acid which is formed prior to ovulation. This protein aids in penetrating the layer of cumulus cells by digesting hyaluronic acid.
[UniProtKB/Swiss-Prot Function]