

Product datasheet for **MR211863L4V**

Stag1 (NM_009282) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Stag1 (NM_009282) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Stag1
Synonyms:	AU045003; SA-1; Scc3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009282
ORF Size:	3774 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211863).
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_009282.3
RefSeq Size:	6010 bp
RefSeq ORF:	3777 bp
Locus ID:	20842
UniProt ID:	Q9D3E6
Cytogenetics:	9 E3.3- E4



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Gene Summary:

Component of cohesin complex, a complex required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The cohesin complex may also play a role in spindle pole assembly during mitosis (By similarity).[UniProtKB/Swiss-Prot Function]