

Product datasheet for **RC218189L4V**

STAG3 (NM_012447) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STAG3 (NM_012447) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STAG3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012447
ORF Size:	3675 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218189).
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_012447.2
RefSeq Size:	4285 bp
RefSeq ORF:	3678 bp
Locus ID:	10734
UniProt ID:	Q9UJ98
Cytogenetics:	7q22.1
Protein Pathways:	Oocyte meiosis
MW:	139 kDa



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Gene Summary:

The protein encoded by this gene is expressed in the nucleus and is a subunit of the cohesin complex which regulates the cohesion of sister chromatids during cell division. A mutation in this gene is associated with premature ovarian failure. Alternate splicing results in multiple transcript variants encoding distinct isoforms. This gene has multiple pseudogenes. [provided by RefSeq, Apr 2014]