

Product datasheet for **RC211003L2V**

ZSCAN4 (NM_152677) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZSCAN4 (NM_152677) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZSCAN4
Synonyms:	ZNF494
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_152677
ORF Size:	1299 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211003).
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_152677.1 , NP_689890.1
RefSeq Size:	2260 bp
RefSeq ORF:	1302 bp
Locus ID:	201516
UniProt ID:	Q8NAM6
Cytogenetics:	19q13.43
Protein Families:	Transcription Factors
MW:	49 kDa



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Gene Summary:

The ZSCAN4 gene encodes a protein involved in telomere maintenance and with a key role in the critical feature of mouse embryonic stem (ES) cells, namely, defying cellular senescence and maintaining normal karyotype for many cell divisions in culture (Zalzman et al., 2010 [PubMed 20336070]).[supplied by OMIM, May 2010]