

Product datasheet for **RC213848L4V**

SPIRE1 (NM_020148) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPIRE1 (NM_020148) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPIRE1
Synonyms:	Spir-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020148
ORF Size:	1749 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213848).
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_020148.2 , NP_064533.1
RefSeq Size:	5402 bp
RefSeq ORF:	2229 bp
Locus ID:	56907
UniProt ID:	Q08AE8
Cytogenetics:	18p11.21
Protein Pathways:	Dorso-ventral axis formation
MW:	67.1 kDa



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Gene Summary:

Spire proteins, such as SPIRE1, are highly conserved between species. They belong to the family of Wiskott-Aldrich homology region-2 (WH2) proteins, which are involved in actin organization (Kerkhoff et al., 2001 [PubMed 11747823]).[supplied by OMIM, Mar 2008]