

Product datasheet for **RC226036L4V**

SPIRE1 (NM_001128627) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | SPIRE1 (NM_001128627) 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_001128627 |
| ORF Size: | 1866 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC226036). |
| 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_001128627.1 , NP_001122099.1 |
| RefSeq ORF: | 1869 bp |
| Locus ID: | 56907 |
| UniProt ID: | Q08AE8 |
| Cytogenetics: | 18p11.21 |
| Protein Pathways: | Dorso-ventral axis formation |
| MW: | 71.4 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]