

## Product datasheet for **RC226302L4V**

### SMARCD1 (NM\_001128429) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Product Type:</b>             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Symbol:</b>                   | SMARCD1                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms:</b>                 | ADERM; BASNS; ETL1; HEL1; HRZ                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Mammalian Cell Selection:</b> | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Vector:</b>                   | pLenti-C-mGFP-P2A-Puro (PS100093)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Tag:</b>                      | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACCN:</b>                     | NM_001128429                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ORF Size:</b>                 | 3084 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ORF Nucleotide Sequence:</b>  | The ORF insert of this clone is exactly the same as(RC226302).                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>OTI Disclaimer:</b>           | 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. <a href="#">More info</a> |
| <b>OTI Annotation:</b>           | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq:</b>                   | <a href="#">NM_001128429.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>               | 3087 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>                 | 56916                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID:</b>               | <a href="#">Q9H4L7</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cytogenetics:</b>             | 4q22.3                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Families:</b>         | Druggable Genome, Stem cell - Pluripotency, Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                  |



**MW:** 117.4 kDa

**Gene Summary:** This gene encodes a member of the SNF subfamily of helicase proteins. The encoded protein plays a critical role in the restoration of heterochromatin organization and propagation of epigenetic patterns following DNA replication by mediating histone H3/H4 deacetylation. Mutations in this gene are associated with adermatoglyphia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]