

## Product datasheet for **RC220344L4V**

### FHL2 (NM\_001450) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | FHL2 (NM_001450) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | FHL2   |
| Synonyms:                 | AAG11; DRAL; FHL-2; SLIM-3; SLIM3  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001450  |
| ORF Size:                 | 837 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC220344).   |
| 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. <a href="#">More info</a> |
| 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:                   | <a href="#">NM_001450.3</a>  |
| RefSeq Size:              | 1735 bp  |
| RefSeq ORF:               | 840 bp   |
| Locus ID:                 | 2274   |
| UniProt ID:               | <a href="#">Q14192</a>   |
| Cytogenetics:             | 2q12.2   |
| Protein Families:         | Druggable Genome   |
| MW:                       | 32.2 kDa   |



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**Gene Summary:**

This gene encodes a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. This protein is thought to have a role in the assembly of extracellular membranes. Also, this gene is down-regulated during transformation of normal myoblasts to rhabdomyosarcoma cells and the encoded protein may function as a link between presenilin-2 and an intracellular signaling pathway. Multiple alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq, Jan 2016]