

## Product datasheet for **MR203764L3V**

### Fhl2 (NM\_010212) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Fhl2 (NM_010212) Mouse Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Fhl2   |
| Synonyms:                 | FHL-2; SL; SLIM-3; SLIM3   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_010212  |
| ORF Size:                 | 840 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR203764).   |
| 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_010212.2</a> , <a href="#">NP_034342.1</a>  |
| RefSeq Size:              | 1566 bp  |
| RefSeq ORF:               | 840 bp   |
| Locus ID:                 | 14200  |
| UniProt ID:               | <a href="#">O70433</a>   |
| Cytogenetics:             | 1 C1.1   |



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**Gene Summary:**

This gene encodes a member of the four-and-a-half-LIM-only protein family. The encoded protein functions as a regulator in numerous signaling pathways and cellular processes in development and cellular differentiation, including development and maintenance of the cardiovascular system and striated muscles. This gene also plays a role in bone formation and regulates bone mineral content and bone mineral density. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]