

## Product datasheet for **RC208034L3V**

### WASF2 (NM\_006990) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | WASF2 (NM_006990) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | WASF2  |
| Synonyms:                 | dj393P12.2; IMD2; SCAR2; WASF4; WAVE2  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_006990  |
| ORF Size:                 | 1494 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC208034).   |
| 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_006990.2</a>  |
| RefSeq Size:              | 4270 bp  |
| RefSeq ORF:               | 1497 bp  |
| Locus ID:                 | 10163  |
| UniProt ID:               | <a href="#">Q9Y6W5</a>   |
| Cytogenetics:             | 1p36.11  |
| Domains:                  | WH2  |
| Protein Families:         | Druggable Genome   |



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|--------------------------|---|
| <b>Protein Pathways:</b> | Adherens junction, Fc gamma R-mediated phagocytosis, Regulation of actin cytoskeleton   |
| <b>MW:</b>               | 54.1 kDa  |
| <b>Gene Summary:</b>     | <p>This gene encodes a member of the Wiskott-Aldrich syndrome protein family. The gene product is a protein that forms a multiprotein complex that links receptor kinases and actin. Binding to actin occurs through a C-terminal verprolin homology domain in all family members. The multiprotein complex serves to transduce signals that involve changes in cell shape, motility or function. The published map location (PMID:10381382) has been changed based on recent genomic sequence comparisons, which indicate that the expressed gene is located on chromosome 1, and a pseudogene may be located on chromosome X. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011]</p> |