

Product datasheet for **RC228333L4V**

RASSF8 (NM_001164748) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | RASSF8 (NM_001164748) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RASSF8 |
| Synonyms: | C12orf2; HOJ1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001164748 |
| ORF Size: | 1257 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC228333). |
| 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_001164748.1 |
| RefSeq Size: | 5561 bp |
| RefSeq ORF: | 1260 bp |
| Locus ID: | 11228 |
| UniProt ID: | Q8NHQ8 |
| Cytogenetics: | 12p12.1 |
| MW: | 48.3 kDa |



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Gene Summary:

This gene encodes a member of the Ras-association domain family (RASSF) of tumor suppressor proteins. This gene is essential for maintaining adherens junction function in epithelial cells and has a role in epithelial cell migration. It is a lung tumor suppressor gene candidate. A chromosomal translocation t(12;22)(p11.2;q13.3) leading to the fusion of this gene and the FBLN1 gene is found in a complex type of synpolydactyly. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]