

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for RC212844L4V

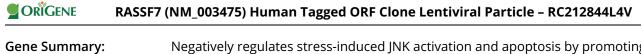
RASSF7 (NM_003475) Human Tagged ORF Clone Lentiviral Particle

Product data:

| Product Type: | Lentiviral Particles |
|------------------------------|---|
| Product Name: | RASSF7 (NM_003475) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RASSF7 |
| Synonyms: | C11orf13; CFAP88; FAP88; HRAS1; HRC1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_003475 |
| ORF Size: | 1119 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC212844). |
| 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. <u>More info</u> |
| 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: | <u>NM 003475.2</u> |
| RefSeq Size: | 1539 bp |
| RefSeq ORF: | 1122 bp |
| Locus ID: | 8045 |
| UniProt ID: | <u>Q02833</u> |
| Cytogenetics: | 11p15.5 |
| MW: | 39.8 kDa |



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Negatively regulates stress-induced JNK activation and apoptosis by promoting MAP2K7 phosphorylation and inhibiting its ability to activate JNK. Following prolonged stress, antiapoptotic effect stops because of degradation of RASSF7 protein via the ubiquitinproteasome pathway. Required for the activation of AURKB and chromosomal congression during mitosis where it stimulates microtubule polymerization.[UniProtKB/Swiss-Prot Function]

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