

Product datasheet for **RC206487L4V**

RASGRP3 (NM_170672) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | RASGRP3 (NM_170672) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RASGRP3 |
| Synonyms: | GRP3 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_170672 |
| ORF Size: | 2070 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC206487). |
| 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_170672.1 |
| RefSeq Size: | 4711 bp |
| RefSeq ORF: | 2073 bp |
| Locus ID: | 25780 |
| UniProt ID: | Q8IV61 |
| Cytogenetics: | 2p22.3 |
| Domains: | RasGEFN, RasGEF, EFh, DAG_PE-bind |
| Protein Pathways: | B cell receptor signaling pathway, MAPK signaling pathway |



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MW: 78.3 kDa

Gene Summary: The protein encoded by this gene is a guanine nucleotide exchange factor that activates the oncogenes HRAS and RAP1A. Defects in this gene have been associated with systemic lupus erythematosus and several cancers. [provided by RefSeq, Mar 2017]