

Product datasheet for **RC202781L4V**

RGS2 (NM_002923) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | RGS2 (NM_002923) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RGS2 |
| Synonyms: | G0S8 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_002923 |
| ORF Size: | 633 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202781). |
| 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_002923.1 |
| RefSeq Size: | 1375 bp |
| RefSeq ORF: | 636 bp |
| Locus ID: | 5997 |
| UniProt ID: | P41220 |
| Cytogenetics: | 1q31.2 |
| Domains: | RGS |
| Protein Families: | Druggable Genome |



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MW: 24.4 kDa

Gene Summary: Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 2 belongs to this family. The protein acts as a mediator of myeloid differentiation and may play a role in leukemogenesis. [provided by RefSeq, Aug 2009]