

Product datasheet for **RR204927L4V**

Pea15 (NM_001013231) Rat Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Pea15 (NM_001013231) Rat Tagged ORF Clone Lentiviral Particle |
| Symbol: | Pea15 |
| Synonyms: | Pea15a |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001013231 |
| ORF Size: | 390 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RR204927). |
| 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_001013231.1 , NP_001013249.1 |
| RefSeq Size: | 2355 bp |
| RefSeq ORF: | 393 bp |
| Locus ID: | 364052 |
| UniProt ID: | Q5U318 |
| Cytogenetics: | 13q24 |



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Gene Summary:

Blocks Ras-mediated inhibition of integrin activation and modulates the ERK MAP kinase cascade. Inhibits RPS6KA3 activities by retaining it in the cytoplasm. Inhibits both TNFRSF6- and TNFRSF1A-mediated CASP8 activity and apoptosis. Regulates glucose transport by controlling both the content of SLC2A1 glucose transporters on the plasma membrane and the insulin-dependent trafficking of SLC2A4 from the cell interior to the surface (By similarity). [UniProtKB/Swiss-Prot Function]