

Product datasheet for **MR202150L4V**

Rhoq (NM_145491) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Rhoq (NM_145491) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Rhoq |
| Synonyms: | Arhq; Tc10; TC10A |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_145491 |
| ORF Size: | 618 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR202150). |
| 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_145491.2 , NP_663466.2 |
| RefSeq Size: | 4159 bp |
| RefSeq ORF: | 618 bp |
| Locus ID: | 104215 |
| UniProt ID: | Q8R527 |
| Cytogenetics: | 17 56.9 cM |



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Gene Summary:

Plasma membrane-associated small GTPase which cycles between an active GTP-bound and an inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses. Involved in epithelial cell polarization processes. May play a role in CFTR trafficking to the plasma membrane. Causes the formation of thin, actin-rich surface projections called filopodia (By similarity).[UniProtKB/Swiss-Prot Function]