

Product datasheet for RC210965L2V

ERAS (NM_181532) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | ERAS (NM_181532) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ERAS |
| Synonyms: | HRAS2; HRASP |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_181532 |
| ORF Size: | 699 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC210965). |
| 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_181532.2 |
| RefSeq Size: | 826 bp |
| RefSeq ORF: | 702 bp |
| Locus ID: | 3266 |
| UniProt ID: | Q7Z444 |
| Cytogenetics: | Xp11.23 |
| Protein Families: | Druggable Genome |
| MW: | 25.3 kDa |


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Gene Summary:

This gene encodes a constitutively active member of the small GTPase Ras protein family. The encoded protein activates the phosphatidylinositol 3-kinase signal transduction pathway in undifferentiated stem cells, but is not expressed in differentiated cells. This gene may be involved in cancer and chemotherapy resistance. [provided by RefSeq, Dec 2012]