

Product datasheet for **RC209434L2V**

RNF128 (NM_194463) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | RNF128 (NM_194463) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RNF128 |
| Synonyms: | GRAIL |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_194463 |
| ORF Size: | 1284 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209434). |
| 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_194463.1 |
| RefSeq Size: | 2851 bp |
| RefSeq ORF: | 1287 bp |
| Locus ID: | 79589 |
| UniProt ID: | Q8TEB7 |
| Cytogenetics: | Xq22.3 |
| Protein Families: | Transmembrane |
| MW: | 46.3 kDa |



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Gene Summary:

The protein encoded by this gene is a type I transmembrane protein that localizes to the endocytic pathway. This protein contains a RING zinc-finger motif and has been shown to possess E3 ubiquitin ligase activity. Expression of this gene in retrovirally transduced T cell hybridoma significantly inhibits activation-induced IL2 and IL4 cytokine production. Induced expression of this gene was observed in anergic CD4(+) T cells, which suggested a role in the induction of anergic phenotype. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]