

Product datasheet for **RC223742L4V**

NET1 (NM_001047160) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | NET1 (NM_001047160) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | NET1 |
| Synonyms: | ARHGEF8; NET1A |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001047160 |
| ORF Size: | 1788 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC223742). |
| 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_001047160.1 , NP_001040625.1 |
| RefSeq Size: | 3414 bp |
| RefSeq ORF: | 1791 bp |
| Locus ID: | 10276 |
| UniProt ID: | Q7Z628 |
| Cytogenetics: | 10p15.1 |
| Protein Families: | Druggable Genome |
| MW: | 67.6 kDa |



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Gene Summary:

This gene is part of the family of Rho guanine nucleotide exchange factors. Members of this family activate Rho proteins by catalyzing the exchange of GDP for GTP. The protein encoded by this gene interacts with RhoA within the cell nucleus and may play a role in repairing DNA damage after ionizing radiation. Pseudogenes of this gene are located on the long arms of chromosomes 1, 7 and 18. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012]