# Product datasheet for RC210119L4V

## GAGE1 (NM_001040663) Human Tagged ORF Clone Lentiviral Particle

## Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | GAGE1 (NM_001040663) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | GAGE1 |
| **Synonyms:** | CT4.1; CT4.4; GAGE-1; GAGE-4; GAGE4 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_001040663 |
| **ORF Size:** | 351 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC210119). |
| **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_001040663.1, NP_001035753.1 |
| **RefSeq Size:** | 3014 bp |
| **RefSeq ORF:** | 354 bp |
| **Locus ID:** | 2543 |
| **UniProt ID:** | Q13065 |
| **Cytogenetics:** | Xp11.23 |
| **MW:** | 12.9 kDa |

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**Gene Summary:**

This gene belongs to a family of genes that are expressed in a variety of tumors but not in normal tissues, except for the testis. The sequences of the family members are highly related but differ by scattered nucleotide substitutions. The antigenic peptide YRPRPRRY, which is also encoded by several other family members, is recognized by autologous cytolytic T lymphocytes. Nothing is presently known about the function of this protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]