

## Product datasheet for **RC206497L4V**

### Granzyme M (GZMM) (NM\_005317) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Granzyme M (GZMM) (NM_005317) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Granzyme M   |
| Synonyms:                 | LMET1; MET1  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_005317  |
| ORF Size:                 | 771 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC206497).   |
| 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. <a href="#">More info</a> |
| 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:                   | <a href="#">NM_005317.2</a>  |
| RefSeq Size:              | 958 bp   |
| RefSeq ORF:               | 774 bp   |
| Locus ID:                 | 3004   |
| UniProt ID:               | <a href="#">P51124</a>   |
| Cytogenetics:             | 19p13.3  |
| Protein Families:         | Druggable Genome, Protease, Secreted Protein, Transmembrane  |
| MW:                       | 27.4 kDa   |



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**Gene Summary:**

Human natural killer (NK) cells and activated lymphocytes express and store a distinct subset of neutral serine proteases together with proteoglycans and other immune effector molecules in large cytoplasmic granules. These serine proteases are collectively termed granzymes and include 4 distinct gene products: granzyme A, granzyme B, granzyme H, and the protein encoded by this gene, granzyme M. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]