

Product datasheet for **RC208872L2V**

Cathelicidin (CAMP) (NM_004345) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Cathelicidin (CAMP) (NM_004345) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Cathelicidin |
| Synonyms: | CAP-18; CAP18; CRAMP; FALL-39; FALL39; HSD26; LL37 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_004345 |
| ORF Size: | 510 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC208872). |
| 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_004345.3 |
| RefSeq Size: | 758 bp |
| RefSeq ORF: | 513 bp |
| Locus ID: | 820 |
| UniProt ID: | P49913 |
| Cytogenetics: | 3p21.31 |
| Domains: | Cathelicidins |
| Protein Families: | Secreted Protein, Transmembrane |



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MW: 19.3 kDa

Gene Summary: This gene encodes a member of an antimicrobial peptide family, characterized by a highly conserved N-terminal signal peptide containing a cathelin domain and a structurally variable cationic antimicrobial peptide, which is produced by extracellular proteolysis from the C-terminus. In addition to its antibacterial, antifungal, and antiviral activities, the encoded protein functions in cell chemotaxis, immune mediator induction, and inflammatory response regulation. [provided by RefSeq, Sep 2014]