

Product datasheet for **RC200589L3V**

Calumenin (CALU) (NM_001219) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Calumenin (CALU) (NM_001219) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CALU |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001219 |
| ORF Size: | 945 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC200589). |
| 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_001219.2 |
| RefSeq Size: | 5366 bp |
| RefSeq ORF: | 948 bp |
| Locus ID: | 813 |
| UniProt ID: | O43852 |
| Cytogenetics: | 7q32.1 |
| Domains: | EFh |
| Protein Families: | Secreted Protein |
| MW: | 37.1 kDa |



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Gene Summary:

The product of this gene is a calcium-binding protein localized in the endoplasmic reticulum (ER) and it is involved in such ER functions as protein folding and sorting. This protein belongs to a family of multiple EF-hand proteins (CERC) that include reticulocalbin, ERC-55, and Cab45 and the product of this gene. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008]