

Product datasheet for **RC200589L2V**

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:	Calumenin
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
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]