

Product datasheet for **RC207731L2V**

CLCA2 (NM_006536) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CLCA2 (NM_006536) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CLCA2
Synonyms:	CACC; CaCC-3; CACC3; CLCRG2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006536
ORF Size:	2829 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207731).
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_006536.4
RefSeq Size:	4043 bp
RefSeq ORF:	2832 bp
Locus ID:	9635
UniProt ID:	Q9UQC9
Cytogenetics:	1p22.3
Domains:	VWA
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane



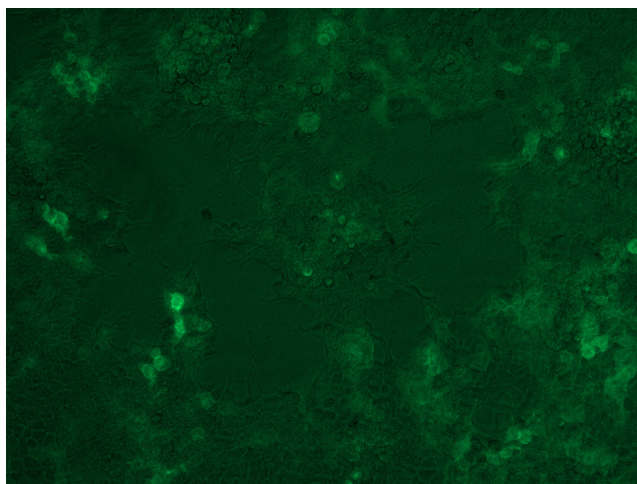
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Protein Pathways: Olfactory transduction

MW: 103.9 kDa

Gene Summary: This gene encodes a member of the calcium-activated chloride channel regulator (CLCR) family of proteins. Members of this family regulate the transport of chloride across the plasma membrane. The encoded protein is autoproteolytically processed to generate N- and C- terminal fragments. Expression of this gene is upregulated by the tumor suppressor protein p53 in response to DNA damage. In breast cancer, expression of this gene is downregulated and the encoded protein may inhibit migration and invasion while promoting mesenchymal-to-epithelial transition in cancer cell lines. [provided by RefSeq, Sep 2016]

Product images:



[RC207731L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207731L2V particle to overexpress human CLCA2-mGFP fusion protein.