

Product datasheet for **RC218583L4V**

CLCA1 (NM_001285) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CLCA1 (NM_001285) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CLCA1
Synonyms:	CACC; CaCC-1; CACC1; CLCRG1; GOB5; hCaCC-1; hCLCA1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001285
ORF Size:	2742 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218583).
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_001285.3 , NP_001276.2
RefSeq Size:	3311 bp
RefSeq ORF:	2745 bp
Locus ID:	1179
UniProt ID:	A8K7I4
Cytogenetics:	1p22.3
Protein Families:	Druggable Genome, Ion Channels: Other
Protein Pathways:	Olfactory transduction



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MW: 100.26 kDa

Gene Summary: This gene encodes a member of the calcium sensitive chloride conductance protein family. To date, all members of this gene family map to the same region on chromosome 1p31-p22 and share a high degree of homology in size, sequence, and predicted structure, but differ significantly in their tissue distributions. The encoded protein is expressed as a precursor protein that is processed into two cell-surface-associated subunits, although the site at which the precursor is cleaved has not been precisely determined. The encoded protein may be involved in mediating calcium-activated chloride conductance in the intestine. [provided by RefSeq, Jul 2008]