

Product datasheet for **MR211160L3V**

Clca1 (NM_017474) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Clca1 (NM_017474) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Clca1
Synonyms:	Clca2; Clca3; gob-5; gob5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_017474
ORF Size:	2739 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211160).
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_017474.2 , NP_059502.1
RefSeq Size:	2935 bp
RefSeq ORF:	2742 bp
Locus ID:	23844
UniProt ID:	Q9D7Z6
Cytogenetics:	3 69.26 cM



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Gene Summary:

May be involved in mediating calcium-activated chloride conductance. May play critical roles in goblet cell metaplasia, mucus hypersecretion, cystic fibrosis and AHR. May be involved in the regulation of mucus production and/or secretion by goblet cells. Involved in the regulation of tissue inflammation in the innate immune response. May play a role as a tumor suppressor. Induces MUC5AC.[UniProtKB/Swiss-Prot Function]