OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC215283L2V

TMEM16K (ANO10) (NM_018075) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TMEM16K (ANO10) (NM_018075) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMEM16K
Synonyms:	SCAR10; TMEM16K
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_018075
ORF Size:	1980 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215283).
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_018075.3
RefSeq Size:	2743 bp
RefSeq ORF:	1983 bp
Locus ID:	55129
UniProt ID:	Q9NW15
Cytogenetics:	3p22.1-p21.33
Domains:	DUF590
Protein Families:	Transmembrane

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MW: 76.1 kDa

Gene Summary: The transmembrane protein encoded by this gene belongs to the anoctamin family of calcium-activated chloride channels, also known as the transmembrane 16 family. The encoded protein contains eight transmembrane domains with cytosolic N- and C-termini. Defects in this gene may cause autosomal recessive spinocerebellar ataxia-10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]