

Product datasheet for **RC219501L4V**

ANO9 (NM_001012302) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ANO9 (NM_001012302) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ANO9
Synonyms:	PIG5; TMEM16J; TP53I5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001012302
ORF Size:	2346 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219501).
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_001012302.1 , NP_001012302.1
RefSeq Size:	2879 bp
RefSeq ORF:	2349 bp
Locus ID:	338440
UniProt ID:	A1A5B4
Cytogenetics:	11p15.5
Protein Families:	Druggable Genome, Transmembrane
MW:	90.4 kDa


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Gene Summary:

The protein encoded by this gene is a member of the TMEM16 (anoctamin) family of proteins, some of which form integral membrane calcium-activated chloride channels. The function of the encoded protein has yet to be elucidated, although it may have channel-forming abilities and also may have phospholipid scramblase activity. This gene has been observed to be upregulated in stage II and III colorectal cancers. [provided by RefSeq, Dec 2016]