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Product datasheet for RC226624L4V

ANO6 (NM_001142678) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ANO6 (NM_001142678) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ANO6
Synonyms:	BDPLT7; SCTS; TMEM16F
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142678
ORF Size:	2676 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC226624).`
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_001142678.1
RefSeq ORF:	2679 bp
Locus ID:	196527
UniProt ID:	Q4KMQ2
Cytogenetics:	12q12
Protein Families:	Transmembrane
MW:	103.8 kDa

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Gene Summary: This gene encodes a multi-pass transmembrane protein that belongs to the anoctamin family. This protein is an essential component for the calcium-dependent exposure of phosphatidylserine on the cell surface. The scrambling of phospholipid occurs in various biological systems, such as when blood platelets are activated, they expose phosphatidylserine to trigger the clotting system. Mutations in this gene are associated with Scott syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]