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Product datasheet for SC314869

ANO6 (AL832340) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANO6 (AL832340) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANO6
Synonyms:	BDPLT7; SCTS; TMEM16F
Vector:	pCMV6 series
Fully Sequenced ORF:	>NCBI ORF sequence for AL832340, the custom clone sequence may differ by one or more nucleotides
Restriction Sites:	Please inquire
ACCN:	AL832340
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	AL832340.1
RefSeq Size:	5976 bp

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RefSeq ORF:	5976 bp
Locus ID:	196527
Cytogenetics:	12q12
Domains:	DUF590
Protein Families:	Transmembrane
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]