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Product datasheet for SC331608

ANO6 (NM_001204803) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANO6 (NM_001204803) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANO6
Synonyms:	BDPLT7; SCTS; TMEM16F
Vector:	pCMV6-Entry (PS100001)

View online »

Fully Sequenced ORF:

>SC331608 representing NM_001204803.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAAAAAGATGAGCAGGAATGTTTTGCTACAAATGGAGGAGGAGGAGGACGACGACGATGGGGATATC
GGTGATGTTCCTGCCTCCAGGAGGCCTTTTCTGACTCCTCATACTCACCTCCCATCCAGCCTGGTGTTG
GAAAACCTTGGACAGACAATTGTCCCCGATTTGGGATCACTGGAAAGTCAGCATGATTTTCGAACCCCG
GAGTTTGAAGAATTTAATGGAAAACCTGACTCCCTCTTTTTTAATGATGGCCAGCGAAGAATTGACTTT
GTTCTAGTATATGAGGATGAAAGCAGAAAAGAGACCAATAAAAAGGGTACAAATGAAAAACAAAGGAGG
AAAAGACAAGCATACGAATCTAACCTTATCTGTCATGGCCTGCAGTTAGAAGCAACAAGATCAGTATTG
GATGACAAGCTTGTATTTGTAAAAGTACACGCACCATGGGAGGTGTTATGTACGTATGCTGAGATAATG
CACATCAAATTGCCTCTGAAACCCAATGATCTGAAAAACCGGTCCTCAGCCTTTGGTACACTCAACTGG
TTTACCAAAGTCCTCAGTGTAGACGAAAGCATCATCAAGCCAGAGCAAGAGTTTTTCACTGCCCCATTT
GAGAAGAACCGGATGAATGATTTTTACATAGTTGATAGAGATGCTTTCTTCAATCCAGCCACCAGAAGC
CGCATTGTTTACTTCATCCTCTCTCGGGTCAAGTATCAAGTGATAAACAATGTTAGCAAGTTTGGGATC
AACAGACTTGTAAACTCTGGGATCTACAAGGCAGCTTTCCCACTCCATGATTGCAAATTCCGCCGTCAG
TCAGAGGATCCCAGCTGCCCTAATGAACGGTACCTTCTGTACAGAGAATGGGCTCATCCTCGAAGCATA
TACAAAAAGCAGCCCTTGGATCTTATCAGGAAATACTATGGAGAGAAGATTGGAATCTACTTTGCTTGG
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TGTCCTCAGTGTGATAGGCTTTGTCCATTCTGGAAACTCAATATTACTTGCGAGTCCTCAAAGAAATTG
TGCATCTTCGACAGTTTTGGAACCCTGGTCTTTGCAGTATTTATGGGAGTATGGGTTACCTTGTTTTTG
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CAAGCCCGACCAGAATACGAAGCACGATGTACTCACGTAGTGATAAATGAGATTACTCAGGAAGAAGAA
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TCCATCACGGCCTCCATCATCAGCTTTATAATTATCATGATTCTGAACACCATATATGAAAAAGTGGCA
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TTCTTATTCCAGTTTGTCAACTACTACTCTTCATGCTTCTACATAGCATTCTTTAAGGGCAAATTTGTA
GGCTATCCAGGAGACCCAGTTTATTGGTTGGGAAAATACAGAAATGAAGAGTGTGACCCAGGTGGCTGT
CTTCTTGAACTGACAACTCAGCTGACAATAATCATGGGAGGAAAAGCAATCTGGAATAACATACAAGAA
GTATTATTGCCCTGGATCATGAATCTAATTGGGCGATTTCACAGAGTTTCTGGATCAGAAAAGATAACC
CCACGATGGGAACAGGACTACCATCTGCAGCCTATGGGCAAACTGGGATTATTTTATGAATATCTTGAA
ATGATTATTCAGTTTGGGTTCGTCACCTTATTTGTGGCCTCTTTTCCACTGGCCCCTCTGTTGGCTCTC
GTGAACAATATATTGGAAATAAGAGTGGACGCATGGAAACTGACCACCCAGTTTAGACGCCTGGTACCA
GAGAAAGCCCAAGACATTGGAGCATGGCAGCCCATCATGCAAGGAATAGCAATTCTGGCTGTGGTGACC
AATGCCATGATCATAGCTTTCACGTCGGACATGATCCCCCGCCTAGTGTACTACTGGTCCTTCTCCGTC
CCTCCCTACGGGGACCACACTTCCTACACCATGGAAGGGTACATCAACAACACTCTCTCCATCTTCAAA
GTCGCAGACTTCAAAAACAAAAGCAAGGGAAACCCGTACTCTGACCTGGGTAACCATACCACATGCAGG
TATCGTGATTTCCGATACCCACCTGGACACCCCCAGGAGTATAAACACAACATCTACTATTGGCATGTG
ATTGCAGCCAAGCTGGCTTTTATCATTGTCATGGAGCACGTCATCTACTCTGTGAAATTTTTCATTTCA
TATGCAATTCCCGATGTATCAAAACGCACAAAGAGCAAGATCCAGAGAGAAAAATACCTAACCCAAAAG
CTTCTTCATGAGAATCACCTCAAAGATATGACGAAAAATATGGGGGTGATAGCTGAGCGGATGATAGAA
GCAGTAGATAACAATTTACGGCCAAAATCAGAATAA

Restriction Sites: SgfI-MluI

ACCN: NM_001204803

Insert Size: 2796 bp

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).
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:	NM_001204803.1
RefSeq Size:	6196 bp
RefSeq ORF:	2796 bp
Locus ID:	196527
UniProt ID:	Q4KMQ2
Cytogenetics:	12q12
Protein Families:	Transmembrane
MW:	108.4 kDa
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] Transcript Variant: This variant (5) contains an additional in-frame coding exon compared to variant 1, resulting in a longer isoform (d) with an internal protein segment not found in isoform a.