

Product datasheet for **SC329487**

SLC38A11 (NM_001199148) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC38A11 (NM_001199148) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC38A11
Synonyms:	AVT2
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329487 representing NM_001199148. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAAGCAAGCTGGGTTTCCTTTGGGAATATTGCTTTTATTCTGGGTTTCATATGTTACAGACTTTTCC
 CTTGTTTTATTGATAAAAGGAGGGGCCCTCTCTGGAACAGATACCTACCAGTCTTTGGTCAATAAACT
 TTCGGCTTCCAGGGTATCTGCTCCTCTCTGTTCTTCAGTTTTTGTATCCTTTTATAGCAATGATAAGT
 TACAATATAATAGCTGGAGATACTTTGAGCAAAGTTTTTCAAAGAATCCCAGGAGTTGATCCTGAAAAC
 GTGTTTATTGGTCGCCACTTCATTATTGGACTTCCACAGTTACCTTTACTCTGCCTTTATCCTTGTAC
 CGAAATATAGCAAAGCTTGAAAGGTCTCCCTCATCTCTACAGGTTTAACTCTGATTCTTGGAATT
 GTAATGGCAAGGCAATTTCACTGGGTCCACACATACCAAAAACAGAAGACGCTTGGGTATTTGCAAAG
 CCCAATGCCATTCAAGCGGTGCGGGTTATGTCTTTTGCATTTATTTGCCACCATAACTCCTTCTTAGTT
 TACAGTTCTCTAGAAGAACCCACAGTAGCTAAGTGGTCCCGCCTTATCCATATGTCCATCGTGATTCT
 GTATTTATCTGTATATTCTTTGTACATGTGGATACTTGACATTTACTGGCTTCACCCAAGGGGACTTA
 TTTGAAAATTACTGCAGAAATGATGACCTGGTAACATTTGGAAGATTTTGTATGGTGTCATGTCATT
 TTGACATACCCTATGGAATGCTTTGTGACAAGAGAGGTAATTGCCAATGTGTTTTTGGTGGGAATCTT
 TCATCGGTTTTCCACATTGTTGTAACAGTGATGGTCATCACTGTAGCCACGCTTGTGTCATTGCTGATT
 GATTGCCTCGGGATAGTTCTAGAACAATGGTGTGCTCTGTGCAACTCCCCTCATTTTTATCATTCCA
 TCAGCCTGTTATCTGAACTGTCTGAAGAACCAAGGACACACTCCGATAAGATTATGTCTTGTGTCATG
 CTTCCCATTGGTGTGCTGTTGATGGTTTTTGGATTGTCATGGCTATTACAAATACTCAAGACTGCACC
 CATGGGCAGGAAATGTTCTACTGCTTTCCTGACAATTTCTCTCACAATACTCAGAGTCTCATGTT
 CAGCAGACAACAACACTTTCTACTTTAAATATTAGTATCTTTCAATGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001199148
Insert Size:	1221 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).


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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:	<u>NM_001199148.1</u>
RefSeq Size:	1790 bp
RefSeq ORF:	1221 bp
Locus ID:	151258
UniProt ID:	<u>Q08AI6</u>
Cytogenetics:	2q24.3
Protein Families:	Transmembrane
MW:	44.8 kDa
Gene Summary:	Putative sodium-dependent amino acid/proton antiporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1), as well as variant 4, encodes isoform 1.