

## Product datasheet for **SC326188**

### SLC44A2 (NM\_001145056) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC44A2 (NM_001145056) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC44A2
Synonyms:	CTL2; PP1292
Vector:	<u>pCMV6 series</u>



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001145056, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGACGAGCGGAAAAACGGAGCCTACGGAACGCCACAGAAGTATGATCCCACCTTTC
AAAGGACCCATTTACAATAGGGGCTGCACGGATATCATATGCTGTGTGTTCTGCTCCTG
GCCATTGTGGGCTACGTGGCTGTAGGCATCATAGCCTGGACTCATGGAGACCCCTCGAAAG
GTGATCTACCCCACTGACAGCCGGGCGAGTTCTGCGGGCAGAAGGGCACAAAAACGAG
AACAAACCCTATCTGTTTTATTTCACATTGTGAAATGTGCCAGCCCCCTGGTTCTGCTG
GAATTCCAATGTCCCACTCCCAGATCTGCGTGGAATAATGCCCGACCGCTACCTCACG
TACCTGAATGCTCGCAGCTCCCGGACTTTGAGTACTATAAGCAGTTCTGTGTTCTGCTGGC
TTCAAGAACAATAAAGGAGTGGCTGAGGTGCTTCAAGATGGTACTGCTGCTGCTCCTC
ATCCCCAGCAAACCTTGGCCCGGAGATGCTTCCCGCTATCCACGCCTACAAGGTGTC
CTGATGGTGGCAATGAGACGACCTATGAGGATGGGCATGGCTCCCGAAAAACATCACA
GACCTGGTGGAGGGCCCAAGAAAGCAATGGAGTCTAGAGGCGCGCAACTCGCCATG
CGCATATTTGAAGATTACACCGTCTCTTGGTACTGGATTATCATAGGCCTGGTCATTGCC
ATGGCGATGAGCCTCCTGTTTCATCATCCTGCTTCGCTTCTGCTGGTATTATGGTCTGG
GTGATGATCATCATGGTATTCTGGTGTGGGCTACGGAATATTTCACTGCTACATGGAG
TACTCCCGACTGCGTGGTGGAGGCGGCTCTGATGTCTCTTTGGTGGACCTCGGCTTTCAG
ACGGATTTCCGGGTGACCTGCACTTACGGCAGACCTGGTTGGCCTTTATGATCATTCTG
AGTATCCTTGAAGTATTATCATCTTGCTGCTCATCTTTCTCCGGAAGAGAATTCTCATC
GCGATTGCACTCATCAAAGAAGCCAGCAGGGCTGTGGGATACGTCATGTGCTCCTTGCTC
TACCCACTGGTCACCTTCTTCTGCTGTGCCTCTGCATCGCCTACTGGGCCAGCACTGCT
GTCTTCTGTCCACTTCCAACGAAGCGGTCTATAAGATCTTTGATGACAGCCCCTGCCCA
TTTACTGCGAAAACTGCAACCCAGAGACCTTCCCTCCTCCAATGAGTCCCGCAATGC
CCCAATGCCCGTTGCCAGTTTCGCTTCTACGGTGGTGGTGGTACCACCGGGCCCTG
CTGGGCCGTCAGATCTTCAATGCCTTCATGTTCTTCTGGTTGGCCAACCTCGTGCTGGCG
CTGGGCCAGGTACGCTGGCCGGGGCCTTTCCTCCTACTACTGGGCCCTGCGCAAGCCG
GACGACCTGCCGGCCTTCCCGCTTCTCTGCCTTGGCCGGGCGCTCAGGTACCACACA
GGCTCCCTGGCCTTGGCGCGCTCATCCTGGCCATTGTGCAGATCATCCGTGTGATACTC
GAGTACCTGGATCAGCGGCTGAAAGCTGCAGAGAACAAGTTTGCCAAGTGCCTCATGACC
TGTCTCAAATGCTGCTTCTGGTGCCTGGAGAAGTTCATCAAATTCCTTAATAGGAATGCC
TACATCATGATTGCCATCTACGGCACCAATTTCTGCACCTCGGCCAGGAATGCCTTCTTC
CTGCTCATGAGAAACATCATCAGAGTGGCTGCCTGGATAAAGTACTGACTTCCCTTTC
CTGTTGGGCAAACTTCTGATCGTTGGTAGTGTGGGGATCCTGGCTTCTTCTTCTTACC
CACCGTATCAGGATCGTGCAGGATACAGCACCCCTCAATTATTACTGGGTTCTTATA
CTGACGGTGATCGTTGGCTCCTACTTGATTGCACACGGTTTCTTACGCGTCTATGGCATG
TGTGTGGACACGCTGTTCTCTGCTTCTTGGAGGACCTGGAGAGGAATGACGGCTCGGCC
GAGAGGCCTTACTTCATGTCTTCCACCTCAAGAACTCTTGAACAAGACCAACAAGAAG
GCAGCGGAGTCC

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- Restriction Sites:** Please inquire
- ACCN:** NM\_001145056
- 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001145056.1</u> , <u>NP_001138528.1</u>
<b>RefSeq Size:</b>	3375 bp
<b>RefSeq ORF:</b>	2115 bp
<b>Locus ID:</b>	57153
<b>UniProt ID:</b>	<u>Q8IWA5</u>
<b>Cytogenetics:</b>	19p13.2
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Isoform 1, but not isoform 3, exhibits some choline transporter activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region compared to variant 1. The encoded isoform (2) has a shorter, distinct N-terminus compared to isoform 1.