

Product datasheet for **SC105851**

SLC44A2 (AF070636) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC44A2 (AF070636) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC44A2
Synonyms:	CTL2; PP1292
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AF070636, the custom clone sequence may differ by one or more nucleotides

```
GTGTGTGGACACGCTGTTCTCTGCTTCTGTGAGGACCTGGAAAGGAATGACGGCTCTCAGGAGCGACCC  
TACTTCATGTCGCCCCGAGCTGAGAGACATCCTGTTGAAGGGGAGTGCGGAGGAGGGGAAGCGGGCAGAAG  
CCGAGGAGTAGAGATGGAGGACCTGGAGAGGAATGACGGCTCGGCCGAGAGGCCTTACTTCATGTCTTCC  
ACCCTCAAGAACTCTTGAACAAGACCAACAAGAAGGCAGCGGAGTCTGAAGGCCCGTGTCTCCCACC  
TCTCAAGGAGTCTCATGCCGAGGGTGCTCAGTAGCTGGGTCTGTTCCCCAGCCCTTGGGCTCACCTG  
AAGTCTATCACTGCCGCTCTGCCCTCCCATGAGCCAGATCCCACCAGTTTCTGGACGTGGAGAGTCT  
GGGGCATCTCCTTCTTATGCCAAGGGGCGCTTGGAGTTTTTCATGGCTGCCCTCCAGACTGCGAGAAACA  
AGTAAAAACCCATTGGGGCTCTTGATGTCTGGGATGGCAGTGGCCCGACCTCCACAAGTCCCTCATG  
CTTCTGTCCCCGCTTACACGACAACGGCCAGACCACAGGAAGGACGGTGTGTTGTCTGAGGGAGCT  
GCTGGCCACAGTGAACACCCACGTTTATTCTGCTGCTCCGGCCAGGACTGAACCCCTTCTCCACACCT  
GAACAGTTGGCTCAAGGGCCACCAGAAGCATTTCTTTATTATTATTTTTTAACTGGACATGCATTA  
AAGGGTCTATTAGCTTTCAAAAAAAAAAAAAAAAAA
```



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AF070636 unedited</p> <pre>NNGGGAGTTCAAATTTGTATACGACTCATATAGGCGGCCGCAAATTCGCACGAGGTCTG ATCGTTGGTAGTGTGGGGATCCTGGCTTTCTTCTTCCACCCACCGTATCAGGATCGTG CAGGATACAGCACCACCCTCAATTATTACTGGGTTCTATACTGACGGTGATCGTTGGC TCCTACTTGATTGCACACGGTTTCTTCAGCGTCTATGGCATGTGTGTGGACACGCTGTC CTCTGCTTCTTGGAGGACCTGGAGAGGAATGACGGCTCGGCCGAGAGGCCTTACTTCATG TCTTCCACCCTCAAGAACTCTTGAACAAGACCAACAAGAAGGCAGCGGAGTCTGAAGG CCCCGTGCTCCCCACCTCTCAAGGAGTCTCATGCCGAGGGTGCTCAGTAGCTGGGCTG TTCCCCAGCCCCCTTGGGCTCACCTGAAGTCTATCACTGCCGCTCTGCCCTCCCCATG AGCCAGATCCCACCAGTTTCTGGACGTGGAGAGTCTGGGCATCTCCTTCTTATGCCAAG GGGCGCTTGGAGTTTTCATGGCTGCCCTCCAGACTGCGAGAAACAAGTAAAAACCCATT GGGGCCTCTTGATGTCTGGGATGGCACGTGGCCCGACCTCCACAAGCTCCCTCATGCTTC CTGTCCCCCGCTTACACGACAACGGCCAGACCACGGGAAGGACGGTGTGTGTCTGAA GGAGCTGTGGCCACAGTGAACACCCACGTTTATTCTGCCTGCTCCGGCCAGAAGTAA CCCCTTCTCCACACTGAACAGTNTGCTCAGGGCCACCAGAAGCATTTCTTTATTATTAT TATTTTTTAAACCTGNACATGCATTAAGGGTCTATTAGCTTTCAAAAATAAAAAAACAAC TCGACTCTAGATTGCGGGCGAGG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AF070636 unedited</p> <pre>NGGTAAATCTATGNACCGCGCCGATTCTANGATCGGTTTTTTTTTTTTTTTTTTTGAAG CTAATAGACCCTTAATGCATGTCCAGGTTAAAAATAATAATAAAGAAATGCTTCT GGTGGCCCTTGAAGCACTGTTCCAGGTGTGGAGAAGGGTTTCAGTCTGGCCGGAGCAGG CAGGAATAAACGTGGGTGTTCACTGTGGCCAGCAGCTCCCTCAGACACAAACACCGTCT TCCCGTGGTCTGGCCCGTTGTCGTGTAAGCGGGGACAGGAAGCATGAGGGAGCTTGTGG AGGTGCGGGCCACGTGCCATCCCAGACATCAAGAGGCCCAATGGGTTTTTACTTGTTTCT CGCAGTCTGGAGGGGAGCCATGAAAACCTCAAGCGCCCTTGGCATAAGAAGGAGATGC CCCAGACTCTCCACGTCCAGAACTGGTGGGATCTGGCTCATGGGGAGGGGCAGAGCGGC AGTGATAGGACTTCAGGTGAGCCAAAGGGGCTGGGGGAACAGACCAGCTACTGAGCACC CTGCGGCATGAGACTCCTTGAGAGGTGGGGAGCACGGGCCCTTCAGGACTCCGCTGCCTT CTTGTGGTCTTGTCAAGAGTTTCTTGGGGTGAAGACATGAAGTAAGGCCTCTCGGC CGAGCCGTCATTCTCTCAGGTCTCCAAGAAGCAGAGGAACAGCGTGTCCACACAT GCCATAGACGCTGAAGAAACCGTGTGCAATCAAGTAGGAGCCAACGATACCCGTCAAGT AGGAACCCAGTAATAATTGAGGGGTGGTGTGTATCCTGCACGATCCTGATACGGTGGG TGAAGAAGAAGAAAGCCGGATCCCCACACTACAACGATCAGACCTCGTCCGAATTCCGG CCGNCCTATAATG</pre>
Restriction Sites:	NotI-NotI
ACCN:	AF070636
Insert Size:	900 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: [AF070636.1](#)

RefSeq Size: 806 bp

RefSeq ORF: 806 bp

Locus ID: 57153

Cytogenetics: 19p13.2

Protein Families: Transmembrane

Gene Summary: Isoform 1, but not isoform 3, exhibits some choline transporter activity.[UniProtKB/Swiss-Prot Function]