

## Product datasheet for **SC322590**

### SLC22A11 (NM\_018484) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC22A11 (NM_018484) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC22A11
Synonyms:	hOAT4; OAT4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for SC322590  
 ATCTGCCTGACTTTCACCTTTTGGTGTCTGGAGAAGCTCAGAAGGTGGCTCAGCCCTCTGGTC  
 CACACTTGGTGGGAGCTCGGATGCCCCAGGCAGCCCGGCACAGTGAGCTTAGTCCCCT  
 TCACCCCTCCGAGAGCTCTGGGGCATCCGCACAGTCACTCCTGGACACAAGATAAGGA  
 GGAGTTTCCCCGAGGCATCACAGGGCTTCCCGGACTGAGGGACTGACTCAACTGGTTAT  
 TGGACAGTGCCCCACCCCAATCCGGCTGAGGGGCAGGAAGGCAGAAGGTCTTGGTGGCC  
 CTGGATCTTGTGGCTGCAATCGTTTCCAACAGCAGTTAGTTCAGCAGTCCGCTCAGCCG  
 AGGCAGCTCTGTTTCATGGCGTTCTCGAAGCTCTTGGAGCAAGCCGAGGGGTGGGCTCT  
 TCCAGACCCTGCAGTGTCTCACCTTCATCTCCCTGCCTCATGATACCTTCCCAGATGC  
 TCCTGGAGAACTTCTCAGCCGCCATCCCAGGCCACCGATGCTGGACACACATGCTGGACA  
 ATGGCTCTGCGTTCACAAAACATGACCCCCAAGGCCCTTCTGACCATCTCCATCCCGC  
 CAGGCCCAACCAGGGGCCACCAGTCCCGCGCTTCCGCCAGCCACAGTGGCAGCTCT  
 TGGACCCCAATGCCACGGCCACCAGCTGGAGCGAAGCTGACACGGAGCCGTGTGGACG  
 GCTGGGTCTATGACCGCAGCGTCTTCCCTCCACCATCGTGGCCAAGTGGGACCTGGTGT  
 GCAGCTCCAGGGCTTGAAGCCCTAAGCCAGTCCATCTTCATGTCCGGGATCCTGGTGG  
 GCTCCTTTATCTGGGGCTCCTCTCCTACCGGTTTGGGAGGAAGCCGATGCTGAGCTGGT  
 GCTGCCTGCAGTTGGCCGTGGCGGGCACCAGCACCATCTTCGCCCAACATTCGTGATCT  
 ACTGCGCCTGCGGTTCTGTGGCCGCTTTTGGGATGGCCGGCATCTTCTGAGTTCAGTGA  
 CACTGATGGTGGAGTGGACCACGACCAGCAGGAGGGCGGTACCATGACGGTGGTGGGAT  
 GTGCCCTCAGCGCAGGCCAGGCGCGCTGGGCGGCTGGCCTTTGCCCTGCGGGACTGGA  
 GGACTCTCCAGCTGGCAGCATCAGTGCCTTCTTGGCATCTCCCTGATATCCTGGTGGC  
 TGCCAGAATCCGCCCGGTGGCTGATTATTAAGGGCAAACCAGACCAAGCACTTCAGGAGC  
 TCAGAAAAGTGGCCAGGATAAATGGCCACAAGGAGGCCAAGAACCTGACCATAGAGGTGC  
 TGATGTCCAGCGTGAAGGAGGAGGTGGCCTCTGCAAAGGAGCCGCGGTGGTGGTGGACC  
 TGTTCTGCGTGGCCGTGCTCCGCTGGAGGAGCTGCGCCATGCTGGTGGTGAATTTCTCTC  
 TATTGATCTCCTACTATGGGCTGGTCTTTCGACCTGCAGAGCCTGGGCCGTGACATCTTCC  
 TCCTCCAGGCCCTCTTCGGGGCCGTGGACTTCTGGGCCGGGCCACCCTGCCCTTTGC  
 TCAGTTTCTTGGCCGCCGACCATCCAGGCGGGTCCCAGGCCATGGCCGGCTCGCCA  
 TTCTAGCCAACATGCTGGTGGCCGAAGATTTGCAGACCCTGCGTGTGGTCTTTGTGTGC  
 TGGGAAAGGATGTTTTGGGATAAGCCTAACCTGCCTCACCATCTACAAGGCTGAACTCT  
 TTCCAACGCCAGTGCCGATGACAGCAGATGGCATTCTGCATACAGTGGGCCGGCTGGGG  
 CTATGATGGGTCCCCTGATCCTGATGAGCCGCCAAGCCCTGCCCTGCTGCCTCCTCTCC  
 TCTATGGCGTTATCTCCATTGCTTCCAGCCTGGTTGTGGTGTCTTCTCCCGGAGACCC  
 AGGGACTTCCGCTCCCTGACACTATCCAGGACCTGGAGAGCCAGAAAATCAACAGCAGCCC  
 AGGGCAACCGCAAGAGGCCGTCACTGTGGAAAGTACCTCGCTCTAGAAAATTGTGCTGC  
 ATGGAGCCCTTTAGTCAAAGACTCCTGGAAAGGAGTTGCCTCTTCTCCAATCAGAGCGT  
 GGAGGCGAGTTGGGCGACTTCAAGGGCTGGCATGGCAGAGGCCAGGCAGCCGTGGCCGA  
 GTGGACAGCGTGGCCGTCTGCTGTGGCTGAAGGCAGCTTCCACAGCTCACTCCTTCTC  
 CTGCCCTGATCAGATTTCCACCTTACCCGGGCCCTACAGGAGCCTGTGCAGATGGCCA  
 TGCCCAACCAATAACGAGACGTTCCCTCCCTTTCCCTGCCAGGCTCATGTCTTTACAC  
 CTTCACTCAGCCACGCCAACAGAGACTGGGTTCCAATCTCACCCACCACATACAGAGC  
 CCTCATCTGTGAAATGAGAATGATCACGTGACCCACCCCCAGGGCAGGTATCAGGGTGA  
 ACTGATCTTAGCACCGGCCAAATAAATGGAACCTGCTGAGAGAGCTGCCAGAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_018484

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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><a href="#">NM_018484.2</a></u> , <u><a href="#">NP_060954.1</a></u>
<b>RefSeq Size:</b>	2545 bp
<b>RefSeq ORF:</b>	1653 bp
<b>Locus ID:</b>	55867
<b>UniProt ID:</b>	<u><a href="#">Q9NSA0</a></u>
<b>Cytogenetics:</b>	11q13.1
<b>Domains:</b>	sugar_tr
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>The protein encoded by this gene is involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and is found mainly in the kidney and in the placenta, where it may act to prevent potentially harmful organic anions from reaching the fetus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>