

## Product datasheet for **SC328746**

### SLC22A8 (NM\_001184733) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SLC22A8 (NM\_001184733) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** SLC22A8  
**Synonyms:** OAT3  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_001184733 edited  
ATGGAGCCATGCCTGGATGGCTGGGTCTACAACAGCACCAAGACTCCATTGTGACAGAG  
TGGGACTTGGTGTGCAACTCCAACAACTGAAGGAGATGGCCAGTCTATCTTCATGGCA  
GGTATACTGATTGGAGGGCTCGTGCTTGGAGACCTGTCTGACAGGTTTGGCCGACAGGCC  
ATCCTGACCTGCAGCTACCTGCTGCTGGCAGCCAGCGGCTCCGGTGCAGCCTTCAGCCCC  
ACCTTCCCCTACTACATGGTCTTCCGCTTCTGTGTGGCTTTGGCATCTCAGGCATTACC  
CTGAGCACCGTCACTTGAATGTGGAATGGGTGCCTACCCGGATGCGGGCCATCATGTGC  
ACAGCACTCGGGTACTGTACACCTTTGGCCAGTTCATTCTGCCCGCCTGGCCTACGCC  
ATCCCCCAGTGGCGTTGGCTGCAGTAACTGTGTCCATTCCCTTCTTCTGCTTCTTCTTA  
TCATCCTGGTGGACACCAGAGTCCATACGCTGGTGGTCTGTCTGGAAGTCCCTCGAAG  
GCCCTGAAGATACTCCGGCGGGTGGCTGTCTTCAATGGCAAGAAGGAAGGGAGAAAGG  
CTCAGCTTGGAGGAGCTCAAACCTCAACCTGCAGAAGGAGATCTCCTTGGCCAAGGCCAAG  
TACACCGCAAGTGACCTGTTCCGGATACCCATGCTGCGCCGCATGACCTTCTGTCTTTCC  
CTGGCCTGGTTTGTACCAGTTTGGCTACTATAGTTTGGCTATGGGTGTGGAAGAAATTT  
GGAGTCAACCTCTACATCCTCCAGATCATCTTTGGTGGGGTGCATGTCCCAGCCAAGTTC  
ATCACCATCCTCTCCTTAAGCTACCTGGGCCGGCATAACCACTCAGGCCGCTGCCCTGCTC  
CTGGCAGGAGGGGCCATCTTGGCTCTCACCTTTGTGCCCTTGGACTTGCAGACCGTGAGG  
ACAGTATTGGCTGTGTTTGGGAAGGGATGCCTATCCAGCTCCTTCAGCTGCCTCTTCTCCT  
TACACAAGTGAATTATACCCACAGTCAACAGGCAACAGGTATGGGCGTAAGTAACTGT  
TGGACCCGCGTGGGAAGCATGGTGTCCCGCTGGTGAAAATCACGGGTGAGGTACAGCCC  
TTCATCCCAATATCATCTACGGGATCACCGCCCTCCTCGGGGGCAGTGTGCCCTCTTC  
CTGCCTGAGACCCTGAATCAGCCCTTGCCAGAGACTATCGAAGACCTGGAAAAGTGGTCC  
CTGCGGGCAAAGAAGCCAAAGCAGGAGCCAGAGGTGAAAAGGCCTCCCAGAGGATCCCT  
CTACAGCCTCACGGACCAGGCCTGGGCTCCAGCTGA

**Restriction Sites:** Please inquire



[View online »](#)

<b>ACCN:</b>	NM_001184733
<b>Insert Size:</b>	1400 bp
<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_001184733.1</a></u> , <u><a href="#">NP_001171662.1</a></u>
<b>RefSeq Size:</b>	1924 bp
<b>RefSeq ORF:</b>	1356 bp
<b>Locus ID:</b>	9376
<b>UniProt ID:</b>	<u><a href="#">Q8TCC7</a></u>
<b>Cytogenetics:</b>	11q12.3
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a protein 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 appears to be localized to the basolateral membrane of the kidney. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (3) uses a different splice site and lacks a portion of the 5' coding region, with the result of translation initiation at an alternate start codon, compared to variant 1. The encoded protein (isoform 2) has a shorter N-terminus than isoform 1.</p>