

Product datasheet for **SC328684**

SLC22A8 (NM_001184736) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC22A8 (NM_001184736) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC22A8
Synonyms:	OAT3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001184736, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCAGTCTATCTTCATGGCAGGTATACTGATTGGAGGGCTCGTGCTGGAGACCTG
TCTGACAGGTTTGGCCGAGGCCATCCTGACCTGCAGCTACCTGCTGCTGGCAGCCAGC
GGCTCCGGTGCAGCCTTCAGCCCCACCTTCCCCATCTACATGGTCTTCCGCTTCTGTGT
GGCTTTGGCATCTCAGGCATTACCCTGAGCACCGTCATCTTGAATGTGGAATGGGTGCCT
ACCCGGATGCGGGCCATCATGTCGACAGCACTCGGGTACTGCTACACCTTTGGCCAGTTC
ATTCTGCCCGCCTGGCCTACGCCATCCCCAGTGGCGTTGGCTGCAGTTAACTGTGTCC
ATTCCCTTCTTCGCTTCTTCTCCTATCATCCTGGTGGACACCAGAGTCCATACGCTGGTTG
GTCTTGTCTGAAAGTCCTCGAAGGCCCTGAAGATACTCCGGCGGGTGGCTGTCTTCAAT
GGCAAGAAGGAAGAGGGAGAAAGGCTCAGCTTGGAGGAGCTCAAACCTCAACCTGCAGAAG
GAGATCTCCTTGGCCAAGGCCAAGTACACCGCAAGTGACCTGTTCCGGATACCCATGCTG
CGCCGCATGACCTTCTGTCTTCCCTGGCCTGGTTTGCTACCGGTTTTGCCTACTATAGT
TTGGCTATGGGTGTGGAAGAATTTGGAGTCAACCTCTACATCCTCCAGATCATCTTTGGT
GGGGTTCGATGTCCAGCCAAGTTCATCACCATCCTCTCCTTAAGCTACCTGGGCCGGCAT
ACCACTCAGGCCGCTGCCCTGCTCCTGGCAGGAGGGGCCATCTTGGCTCTCACCTTTGTG
CCCTTGGACTTGACAGCCGTGAGGACAGTATTGGCTGTGTTTGGGAAGGGATGCCTATCC
AGCTCCTTCAGCTGCCTTCTCCTACACAAGTGAATTATACCCACAGTCATCAGGCAA
ACAGGTATGGGCGTAAGTAACCTGTGGACCCCGTGGGAAGCATGGTGTCCCCGCTGGT
AAAATCACGGGTGAGGTACAGCCCTTACCCCCAATATCATCTACGGGATCACCGCCCTC
CTCGGGGGCAGTCTGCCCTCTTCTGCTGAGACCCTGAATCAGCCCTTGCCAGAGACT
ATCGAAGACCTGGAAAAGTGGTCCCTGCGGGCAAAGAAGCCAAAGCAGGAGCCAGAGGTG
GAAAAGGCCTCCCAGAGGATCCCTCTACAGCCTCACGGACCAGGCCTGGGCTCCAGCTGA

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Restriction Sites:	Please inquire
ACCN:	NM_001184736



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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.
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:	<ol style="list-style-type: none">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_001184736.1</u> , <u>NP_001171665.1</u>
RefSeq Size:	1839 bp
RefSeq ORF:	1260 bp
Locus ID:	9376
UniProt ID:	<u>Q8TCC7</u>
Cytogenetics:	11q12.3
Protein Families:	Transmembrane
Gene Summary:	<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) lacks an alternate in-frame exon in the 5' coding region and uses a downstream start codon, compared to variant 1. Isoform 3 has a shorter N-terminus, compared to isoform 1.</p>