

Product datasheet for **SC327171**

SLCO5A1 (NM_001146008) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLCO5A1 (NM_001146008) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLCO5A1
Synonyms:	OATP-J; OATP-RP4; OATP5A1; OATPJ; OATPRP4; SLC21A15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001146008, the custom clone sequence may differ by one or more nucleotides <pre> ATGGACGAAGGCACTGGACTGCAGCCCGGGCGGGAGAGCAGCTGGAGGCGCCGGCCACT GCAGAAGCTGTCCAAGAGAGGTGCGAGCCGAGACCCCTCAGGTCTAAGAGTTTACCGGTC CTCAGCAGCGCCTCCTGCCGGCCAAGCCTCAGTCCCACTAGTGGAGACGCCAACCCGGCC TTTGGCTGTGTGATTCTTCGGGCCACCAAGAGTTGAAGCAAGGCCCGAACCCGTTGGCC CCCAGTCCCTCTGCCCCGTCCACTTCGGCGGGGCTCGGGGACTGTAACCACAGGGTGGAC CTCAGCAAAACCTTCTCGGTGTCCTCCGCCTTGCCATGCTCCAGGAGAGAAGTGCCTC TACGTGGTCTCACGGATTCCCCTTCTTCTGCTGTCATGTGCTTTCTGACCTTCATC CAGGCGTTAATGGTCTCTGGGTACCTGAGCAGCGTAATTACCACCATTGAAAGGCGCTAC AGTCTGAAGAGTTCGAGTCGGGGCTGCTGGTCAGCTGCTTTGACATCGGGAACCTGGTG GTGGTGGTGTTCGTGAGTACTTCGGCGGCCGGGGTGGCGGCCCTGTGGCTGGCCGTG GGTGGACTCCTCATCGCCTTCGGGGCAGCCCTCTTCGCCTTACCTCACTTCATCTCGCC CCCTACCAGATCCAAGAGTTGAACGCCTCGGCCCAACGACGGCCTGTGTCAGGGTGGC AACTCCACCGCCACTTTGGAGCCTCCGGCCTGTCCGAAGGACTCGGGAGGAAATAATCAC TGGGTCTACGTGGCTTTATTCATTTGCGCGCAGATTCTATTGGAATGGGCTCCACACCT ATTTATACCCTGGGACCAACCTACTTAGATGACAATGTCAAGAAAGAAAACCTCCTCTTG TACCTAGCCATCATGTATGTGATGGGAGCACTTGGCCCTGCAGTGGGATATTTATTAGGT GGACTTCTTATTGGTTTTATGTTGATCCAGAAATCCTGTTACCTTGACCAGAATGAC CCTCGTTTCATTGGAACTGGTGGAGTGGATTCTCCTTTGTGCCATTGCAATGTTTCTT GTGATATTTCCCAATGTTTACTTTCCAAAAAAGCTTCCACCTCGACACAAGAAAAAGAAA AAGAAAAAATTTCTGTTGATGCTGTTAGTGATGACGATGTTCTGAAGGAGAAATCAAAC AACAGTGAACAAGCGGACAAAAAAGTTTCTTCGATGGGATTTGGAAAGGATGTCAGAGAC CTACCAAGAGCAGCTGTCAGGATCTTAAGCAACATGACATTCTTTTTGTGAGTTTGTCA TACACAGCTGAGAGTGCCATTGTAAGTCTTTTATTACCTTCATTCCTCAAGTTTCATCGAG TCACAGTTTGGTATCCAGCCTCCAATGCCAGCATCTACACTGGGGTTATTATCGTCCCC AGTGCTGGTGTGGTATTGTCTCGGAGGCTACATTATAAAAAAATTGAAACTTGGTGCC AGAGAATCTGAAAACTAGCAATGATCTGCAGTGGTGTGCTTTACTATGTTTTTCAACC CTATTTATTGTTGGATGTGAAAGCATTAACTAGGGGGCATAAACATCCCTTATACAACA GGACCTTCTCTACCATGCCCATAGGAATCTGACAGGAAGCTGCAACGTTAATTGTGGT TGTAATAATACACGAGTATGAGCCAGTCTGTGGATCAGATGGAATTACATACTTTAACCT TGTCTGGCTGGCTGTGTTAATAGTGGTAATCTTAGCACTGGGATACGGAATTATACAGAA TGCACCTGTGTCCAAAGTCGCCAAGTGATCACTCCACCCACCGTGGGACAGCGAAGTCAG CTCCGTGTGGTTATTGTCAAGACTTATCTCAATGAGAACGGCTATGCTGTGTCTGGGAAA TGTAACCGGACCTGCAATACTCTTATCCCATCTTAGTTTTCTTTTCATAGTCACCTTC ATCACAGCATGTGCCAACCATCAGCTATCATAGTAACACTCAGCATACATTCCTACTCC AATCTACTTTGGAGCAGTCAT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001146008
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:	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_001146008.1, NP_001139480.1</u>
RefSeq Size:	3751 bp
RefSeq ORF:	2064 bp
Locus ID:	81796
UniProt ID:	<u>Q9H2Y9</u>
Cytogenetics:	8q13.3
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a 12 transmembrane domain protein that is a member of the solute carrier organic anion transporter superfamily. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009] Transcript Variant: This variant (2) differs in the 5' UTR and lacks an exon in the coding region, which results in a frameshift and an early stop codon compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus compared to isoform 1.