

Product datasheet for **SC327648**

SLCO5A1 (NM_001146009) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLCO5A1 (NM_001146009) 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_001146009, the custom clone sequence may differ by one or more nucleotides

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ATGGACGAAGGCACTGGACTGCAGCCCGGGGCGGGAGAGCAGCTGGAGGCGCCGGCCACT
GCAGAAGCTGTCCAAGAGAGGTGCGAGCCGAGACCTCAGGTCTAAGAGTTTACCGGTC
CTCAGCAGCGCCTCCTGCCGGCCAAGCCTCAGTCCCACTAGTGGAGACGCCAACCCGGCC
TTTGGCTGTGTGATTCTTCGGGCCACCAAGAGTTGAAGCAAGGCCCGAACCCGTTGGCC
CCCAGTCCCTCTGCCCGTCCACTTCGGCGGGGCTCGGGGACTGTAACCACAGGGTGGAC
CTCAGCAAAAACCTTCTCGGTGTCTCCGCCTTGCCATGCTCCAGGAGAGAAGGTGCCTC
TACGTGGTCTCACGGATTCCCCTTCTTCTGCTGCTGTCATGTGCTTTCTGACCTTCATC
CAGGCGTTAATGGTCTCTGGGTACCTGAGCAGCGTAATTACCACCATTGAAAGGCGCTAC
AGTCTGAAGAGTTCAGAGTCGGGGCTGCTGGTCAGCTGCTTTGACATCGGGAACCTGGTG
GTGGTGGTGTTCGTGAGTACTTCGGCGGCCGGGGTGGCGGCCCTGTGGCTGGCCGTG
GGTGGACTCCTCATCGCCTTCGGGGCAGCCCTCTTCGCCTTACCTCACTTCATCTCGCC
CCCTACCAGATCCAAGAGTTGAACGCCTCGGCCCAACGACGGCCTGTGTCAGGGTGGC
AACTCCACCGCCACTTTGGAGCCTCCGGCCTGTCCGAAGGACTCGGGAGGAAATAATCAC
TGGGTCTACGTGGCTTTATTCATTTGCGCGCAGATTCTCATTGGAATGGGCTCCACACCT
ATTTATACCCTGGGACCAACCTACTTAGATGACAATGTCAAGAAAGAAAACCTCCTCTTG
TACCTAGCCATCATGTATGTGATGGGAGCACTTGGCCCTGCAGTGGGATATTTATTAGGT
GGACTTCTTATTGGTTTTTATGTTGATCCCAGAAATCCTGTTACCTTGACCAGAATGAC
CCTCGTTTCATTGGAACTGGTGGAGTGGATTCTCCTTTGTGCCATTGCAATGTTTCTT
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AAGAAAAAATTTTCTGTTGATGCTGTTAGTGATGACGATGTTCTGAAGGAGAAATCAAAC
AACAGTGAACAAGCGGACAAAAAAGTTTCTTCGATGGGATTTGGAAGGATGTCAGAGGG
GTTATTATCGTCCCAAGTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT
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CTATGTTTTTCAACCCTATTTATTGTTGGATGTGAAAGCATTAACTAGGGGGCATAAAC
ATCCCTTATACAACAGGACCTTCTCTACCATGCCCCATAGGAATCTGACAGGAAGCTGC
AACGTTAATTGTGGTGTGAAAATACACGAGTATGAGCCAGTCTGTGGATCAGATGGAATT
ACATACTTTAACCTTGTCTGGCTGGCTGTGTTAATAGTGGTAATCTTAGCACTGGGATA
CGGAATTATACAGAATGCACCTGTGTCCAAAGTCGCCAAGTGATCACTCCACCCACCGTG
GGACAGCGAAGTCAGCTCCGTGTGGTTATTGTCAAGACTTATCTCAATGAGAACGGCTAT
GCTGTGTCTGGGAAATGTAAACGGACCTGCAATACTCTTATCCCATTTCTTAGTTTTCTT
TTCATAGTCACCTTCATCACAGCATGTGCCCAACCATCAGCTATCATAGTAACACTCAGG
TCCGTAGAAGATGAGGAGAGACCTTTTGCAGTGGGAATGCAGTTTGTGTTTGTGCAACA
CTTGATACATTCCTACTCCAATCTACTTTGGAGCAGTCATTGACACCACCTGCATGCTC
TGGCAACAGGAATGTGGTGTGACAGGTTCTTGTGGGAGTACAACGTGACGTGTTTTGCT
TTTGTGATTTTTGGTTTGGCTGCCGGCCTCAAATTCGTTGGGTTTATTTTATTTTCTG
GCCTGGTACTCCATAAAATACAAGGAGGATGGACTGCAGAGGCGGAGGCAGAGAGAATTT
CCCCTGAGCACCGTGAGTGAGAGAGTGGGACACCCGACAATGCCCGGACTAGATCTTGC
CCAGCTTTCAGCACCCAGGGAGAATTCCACGAAGAGACTGGCCTGCAAAAAGGGATCCAG
TGCGCAGCACAGACCTACCCGGGGCCCTTCCAGAAAGCAATAAGTTCTCTGCGGACCCG
GGGCTGGAAGAGAGCCCCGCTGCCTTGAGCGCCCTCC
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Restriction Sites: Please inquire

ACCN: NM_001146009

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_001146009.1</u> , <u>NP_001139481.1</u>
RefSeq Size:	3430 bp
RefSeq ORF:	2382 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 (3) differs in the 5' UTR and lacks an alternate in-frame exon compared to variant 1. The encoded protein (isoform 3) is shorter than isoform 1.