

Product datasheet for **RN203274**

Slco4c1 (NM_001002024) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco4c1 (NM_001002024) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slco4c1
Synonyms:	Oatp-H; Oatp-M1; Oatp4c1; Slc21A20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203274 representing NM_001002024
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACAGGTTCCAAGGGAGTCGAGAACCCGGCATTTCGTCCTTCCAGCCCAGACACCCACGCCGTGCGT
 CTGCGTCGCCCTCCAGGTGGAGGTCTCTGCTGTGGCCTCCAGGAATCAGAATGGGGTTTCGCAACCTCG
 GGAATCTGAAGATCCCCAGAAGTCAACTGAGCCATCTCCTCCTTCTCGACTCTCCAGCTTCTGATGAG
 CCGCCGGGTACAGCTAAGCGAGCTTGGAGGGACCTTGGGGTGGAGGAACCTCCACCCCAAGTGTG
 TTCAGCGCTGCAACAACCCAAAGGTTTTCTGCTTCACTACTGTCTTTAGCCCTAACGCAAGGTATTGT
 AGTAAATGGCCTAGTAAATATTAGCATTCCACCATCGAGAAGCGCTATGAAATGAAGAGTTCCTGACC
 GGCCTGATATCATCGAGCTACGACATCTCCTTTGCGTGTGTCTCTGTTGTGTCTTTCTTTGGTGA
 GAGGACACAAACCTCGTGGCTTGCCTTTCATCCTTTATGATCGGACTGGGAGCGCTGGTGTTCCTTT
 ACCACACTTCTCAGTGGGAGATATGAACTGGGAACATTTTCGAAGATACCTGCTTAACAAGGAACAGC
 ACCAGATGTGCTTCTAACCTCTCTGCTTCTAACTACTTCTATGTCTTTGTCCTGGGACAACCTGTGC
 TGGGGACTGGAGGAACCTCCGCTCTACACCTGGGAACGGCCTTCATTGATGACTCTGTACCCACACACA
 ATCTTCTCTATATACGGTATTGGCTATTCTATGTCAATCCTAGGCCAGCCATTGGCTATGTGTTGGGA
 GGACAGCTGTTGACAATGTACATTGATGTTGCTATGGGACAAAGTTCAGATCTGACTGAGGATGATCCCC
 GGTGGTTGGGGCTTGGTGGATTGGATTCTTTAGCTTGGCTCTTTGCTGGTCTTTGATAATGCCTTT
 CTCCTGTTTTCCAAGCATTTACCAGGGACAGCAAAAATCAAGCTGGCAAAACTCCCAGACTCATCAA
 AATAAGTACTTCTTCCAACATATGGATGAAAATTTGGGAAAAGTATTAAGATTTTCCAAGTCTG
 TGAAGAATTTGATGAGGAATACAGTCTTATATGTTTAGTCTATCAACTACTTGAAGCACTAGTTAC
 CACGGGATTTGCCACGTTTTTACCTAAATTTATAGAAAATCAATTTGGATTGACATCGAGCTTTGCCGCA
 ACCTTGGAGGGCTGTTTTAATCCTGGAGCTGCTTGGTCAAATCTAGGTGGTGTCTTGTTCAT
 AATTCAAATGAAGTGTAAAAATACAATGAAGTTTGCCTTATGTACATCTGGAGTAGCACTTATGCTGAG
 TTTTGTATTTATTTGCAAAATGTGAAAATGGGCCATTTGCTGGTGTCTGAATCATATAATGGAACA
 GGAGAGATGGGAATCTGACTGCACCTTGAATGCCAATGCAATGTTTGGATCCTATTATTACCCAC
 TCTGTGGAAGTATGGAGTCCAGTATTTTCTCCCTGCTTGCAGGTTGTTAAACTCAGTTTCAAACAG
 GAAACCAAGGCATATTATAATTGTTCTGTATTGAAAGGAAAGTCGACATCACTTCTACTGCARAAAGC
 CCTGATTTTGAAGCAAGGCTGAAAAATGAAAACCTCAGTGTTCAAACCTGCCCATATTTCTCGGCATCT
 TCTTCATCACTGTGATTTTTACCTTTATGGCAGGTACCCCATAACTGTGTCCATATTAAGTGTGTCAA
 TCACAGACAGCGATCTCTAGCACTGGGAGTGCAGTTCATGCTTCTCGGTTGTTAGGCACGATACCTGGG
 CCAATTATATTTGGCGTCACAATAGACAGCACGTGTGTTCTGTGGGACATCAATGAATGTGGAACAAAGG
 GGGCGTGTGGATCTATGATAACATCAGGATGGCGCATAGCTGGTGGCTATAAGTGTACTTGTAAAGT
 CATCCCATATTTCAATGGACTTGGCATAGTTCTCTATAAACCACGCCCCAGGAACGGAGGTATCA
 TTTCAAAGTCAGAATGTAGTTGTGTCGACGATTACAGTGGAGGAGACCTCAACAAAATAGAGAACGAAG
GATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001002024

Insert Size: 2175 bp

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).

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_001002024.1, NP_001002024.1</u>
RefSeq Size:	2175 bp
RefSeq ORF:	2175 bp
Locus ID:	432363
UniProt ID:	<u>Q71MB6</u>
Cytogenetics:	9q36
Gene Summary:	member of the organic anion transporter (OATP) family; involved in the membrane transport of numerous proteins, including bile acids, conjugated steroids, peptides, and drugs (such as digoxin), in multiple tissues [RGD, Feb 2006]