

Product datasheet for **MC228694**

Slco2b1 (NM_001252530) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco2b1 (NM_001252530) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slco2b1
Synonyms:	AI060904; AI852653; OATP-B; Slc21a9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228694 representing NM_001252530
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCCAGAATAGGTGAGGGGCCCGGATGCCAGACAGGAGCACCAAGACCACAATGGGCACAGAAG
 ATATGCATGAAAGGAAAGTCAGTGTGGAGCCTCAGGACTCACATCAGGATGCACAGCCCCGCGGATGTT
 CCACAACATCAAGTTCCTTGTCTATGTACAGTCTACTGCAGCTGACACAGCTCATGATCTCTGGCTAC
 CTCAAGAGCTCCATCTCCACAGTGGAAAAGCGCTTTGGGCTGTCCAGCCAGATCTCAGGGCTGCTAGCTG
 CTTTCAATGAGGTAGGAATGTATCCTTGATCTTATTTGTGAGCTATTCGGCAGCCGAGTGCACAGACC
 CCGGATGATCGGCTATGGGGCTCTCCTGGTGGCCACGGCAGGCCTGCTCATGGCACTCCCTCACTTCATC
 TCAGAACCATACCGCTATGACCACAGCAGCTCCGACAATAGGTCCTGGACTTTGAAGCATCCCTGTGCC
 TGCCACGACTATGGCTCCAGCCTGTCCCTGTCCAATGGCAGCTGTTCCAGTACACAGAAACCAAGCA
 TCTGACCATGGTGGGGATCATGTTGCGCAGCACAGACCCTGCTTGGCATCGGTGGTGTGCCATACAGCCT
 TTTGGGATCTCCTACATTGACGACTTTGCCACCATAGCAACTCACCCCTCTACATTGGGATCTTGTTTG
 GAATAACCACGATGGGGCTGGCCTGGCCTATGGGCTGGGTAGCCTCATGCTACGCCTTTATGTGGACAT
 TGACCGGATGCCAGAAGGAGGCATCAACTTGACTCCAAAAGACCCAGATGGGTGGGTGCCTGGTGGCTG
 GGCTTCTCATCTCTCAGGACTGGTGGTCTGGCTTCCAGCCCCACTTCTTCTTCCCCAGAGAGATGC
 CCAAGGAGAAACATGAGTTTCATTTAGGCGGAAGGTCTTGGCAAGTGGCCCTCCACTGCCAGCAAGGG
 TGAGGACCTCTCTCCAGCAGCAGCCTTTAAAGAAACAGGCTGGATTGGCCAGATTGCCCCAGACTTG
 ACTTTGGTCCAGTTTGTCAAAGTCTTCCCTAGGGTGTCTGCTGCGGAATCTGCGCCACCCCATCTTCTTG
 TGGTAGTCTGTCCAGGTGTGCACCTCATCCATGGTAGCGGGCATGGCCACCTTCTGCCTAAGTTCCT
 GGAACGCCAGTTTTCCATCACAGCCTCCTTTGCCAACATGCTCCTTGGCTGCCTCACTATCCCTCTGGTC
 ATCGTGGGCATCATGATGGGAGGTGTCTTAGTCAAGCGCCTCCACCTGAGCCCGGTGCAGTGCAGTGCCC
 TCTGCCTCCTCGGCTCGCTGTTGTGTCTGCTCTTACAGCTGCCGCTCTTCTTATTGGTGTCTACCCA
 TCAAATTGCAGGCATCACACAAGACCTGGGTGCCAGCCAGGGCCAAGCCTGTTTCTGGCTGCTCAGAG
 CCCTGCTCCTGCCAATCAGATGACTTTAACCTGTTTGTGATACCAGTGCCTATGTGGAGTACACCACAC
 CCTGCCATGCAGGCTGCACAGGTCGTGTCTCCAGGAGGCTCTGGGCAAAGCCAGGTCTTCTACACCAA
 CTGCAGCTGTGTGCAGGAATGGCACTGTTCTGCAGGTTCTGTGAGTCAGCCTGCAGCCGCTGGT
 CTGCCCTTCAATTGCTGTTTACGCTGGGGCGGGACTGGCCAGCATCACCCACACCTTCTTATGC
 TCATCCTGAGAGGTGTGAAGAAAGAAGATAAAACCCTGGCAGTGGGGATGCAGTTCATGCTCCTGAGAGT
 GCTGGCCTGGATGCCAGCCCTGTGATCCATGGCAGTGGCATCGATACCCTGTGTTCACTGGGCCCTG
 ACCTGTGGGCGGAGAGCTGTCTGCCGCTACTACGACCATGACCTGCTCCGAAACCGATTATAGGCCTCC
 AGTTTCTTCAAAGTGGATCCCTGGTGTGCTTACCTTAGTTTTGGCCATCTTAGGCAACAGAGCAG
 AGAGGCCAGCACCAGGACCCTGTAAGAGCTCGGAACACAACAGCTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3114_d01.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_001252530

Insert Size: 2082 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001252530.1</u> , <u>NP_001239459.1</u>
RefSeq Size:	4635 bp
RefSeq ORF:	2082 bp
Locus ID:	101488
UniProt ID:	<u>Q8BXB6</u>
Cytogenetics:	7 E1
Gene Summary:	Mediates the Na(+)-independent transport of organic anions such as taurocholate, the prostaglandins PGD2, PGE1, PGE2, leukotriene C4, thromboxane B2 and iloprost. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).