

Product datasheet for **RN213736**

Slco2b1 (NM_080786) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco2b1 (NM_080786) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slco2b1
Synonyms:	moat1; Slc21a9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN213736 representing NM_080786
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCAGACAGGAGCACCAAGGCCACAATGGGTGCAGAAGACATACATGAAAGGAAAGTCAGCATGGAGC
 CTCGGGACTCACACCAGGATGCACAACCCGAGGGATGTTCCAGAACATCAAGTTCTTTGCTGTGTCA
 CAGTATACTGCAGCTGGCACAGCTCATGATCTCTGGCTACCTCAAGAGCTCCATCTCCACAGTGGAAAAG
 CGCTTTGGGCTGTCCAGCCAGACCTCAGGGCTGTAGCTGCTTTCAATGAGGTAGGGAACATATCCTTGA
 TTTTATTTGTGAGCTACTTCGGCAGCCGAGTGCACAGACCCCGGATGATCGGCTGTGGGGCTATCCTGGT
 GGCAGTGGCGGGCTGCTCATGGCACTCCCTCACTTCATCTCAGAACCATACCGCTACGACCACAGCAGC
 CCCGATAGGTACAGGACTTTGAAGCATCCCTGTCCCTGCCACGACTATGGCTCCAGCCTCTGCCCTGT
 CCAATGACAGCTGTTCCAGTCGCACAGAAACCAAGCATCTGACTATGGTGGGGATCATGTTACAGCACA
 GACCCTGCTTGGCATTGGCGGTGTGCCATACAGCCCTTTGGGATCTCTACATCGACGACTTTGCCAC
 CATAGCAACTCACCCCTCACTGGGAATCCTGTTTGAATAACCATGATGGGGCCCGGCCCTGGCCTATG
 GGCTGGGTAGCCTCATGTACGCCCTTACGTGGACATTGACCGGATGCCGAAGGAGGCATCAACCTCAC
 TACAAAAGACCCCGATGGGTGGGTGCCTGGTGGCTGGGCTTCTCATCTCTGCAGGCCTGGTGGTCTG
 GCTGCCAGCCCTACTTCTTCTTCCCGAGAGAGATGCCCAAAGAGAAATATGAGCTTCACTTCAGGCAGA
 AGGTCTTGGCAGGAGGGGCTCGATTGGCAGCAAGGGTGAAGGAGCTCTCTCCAGCATGAGCCTTTAAA
 GAAACAGGCTGGATTGCCCGAGATTGCCCGAGACTTGACTGTGGTCCAGTTTATTAAGTCTTCCCGAGG
 GTGCTGCTGGGACGCTGCGCCACCCATCTTCTTGTGGTAGTCTGTCCAGGTGTGCACCTCATCCA
 TGGTGGCGGGCACGGCCACCTTCTGCCTAAGTTCCTGGAACGCCAGTTTCCATCACAGCCTCCTTGC
 CAACCTGCTCCTCGGCTGCCTCACTATCCCCCTGGCCATTGTGGGCATCGTGGTGGGAGGTGCTTAGTC
 AAGCGACTCCACCTGAGTCCCATGCAGTGCAGTGCCTCTGCCTGCTCGGGTCTGTTGTGTCTGTCTAC
 TCAGCTTGCCGCTCTTCTTCAATTGGCTGCTTACCCATCATATTGCAGGCATCACGCAGGACCTGGGTGC
 CCAGCCAGGGCCAAGCCTGTTTCTGGCTGCTCAGAGCCCTGCTCCTGCCAATCAGATGACTTTAACCTT
 GTTTGTGATACCAGTGCCTATGTGGAGTACACCACCCCTGCCATGCAGGCTGCACAGGTGCTGTGGTCC
 AGGAAGCTCTGGACAAAAGCCAGGTCTTCTACACCAACTGCAGCTGTGTGGCAGGGAATGGCACCATATC
 TGCAGGTTCTGTGAGTCACTGCAGCCGCTGGTGTGCCCTTCACTTCTCTCATCAGCTGGGAGCA
 GCAGTGGCCAGCATCACCCACACACCTTCTTTCATGCTCATCCTGAGAGGTGTGAAGAAAGAAGATAAGA
 CCCTGGCAGTGGGAATGCAATTCATGCTCCTGCGAGTGTGGCCTGGATGCCAGTCTGTGATCCATGG
 CAGTGCCATCGATACTACCTGTGTGCACTGGGCCCTGACCTGTGGACGGCGAGCTGTCTGCCGCTACTAT
 GACCATGATCTGCTCCGAAACCGATTATAGGCCCTCCAGTTCTTCTTCAAAGCGGATCCCTGGTGTGCT
 TTGCCCTAGTTTTGGCCATCTTGAGGCAGCAGAGCAGAGAGGCCAGCACCAAGGCCACTGTAAAGAGCTC
 AGACCTACAAGAACT**GTA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_080786
Insert Size: 2049 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:	NM_080786.1 , NP_542964.1
RefSeq Size:	3798 bp
RefSeq ORF:	2049 bp
Locus ID:	140860
UniProt ID:	Q9JHI3
Cytogenetics:	1q32
Gene Summary:	organic anion transporter that transports prostaglandin D(2), leukotriene C(4), taurochloate; transport activity is Na ⁺ independent [RGD, Feb 2006]