

Product datasheet for **RN206383**

Slco2a1 (NM_022667) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco2a1 (NM_022667) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slco2a1
Synonyms:	Matr1; Slc21a2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN206383 representing NM_022667
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGGCTCCTGCTCAAGCCTGGAGCGGCCAGGGCAGCGGCACCTCCTCGGTCCCAGACAGACGTTGTC
 CCCGCTCCGTCTTCAGCAACATTAAGGTATTTGTTCTTTGCCATGGCCTGCTACAGCTCTGTCAAGCTGCT
 CTACAGCGCCTACTTCAAGAGCAGTCTCACCACAATCGAGAAGCGCTTTGGGCTCTCCAGCTCTTCTCT
 GGTCTCATCTCCAGTTTGAATGAGATCAGCAACGCTACCTCATCATCTTCATTAGCTACTTCGGCAGCC
 GGGTCAACCGCCACGGATGATTGGCATAGGGGGTCTCCTCCTGGCTGCAGGGGCTTTGTCTCACCT
 CCCACACTTCTGTGAGAGCCCTATCAATACACCTCGACCAGGATGAAACAGGAGCAGCTTTCAGACT
 GACCTCTGTGAGAAGCATTTCAGAGCCCTGCCCCCAGTAAGTGCATAGCACCGTCCAGATACCCACA
 AGGAGACCAGCAGCCTGTGGGGCTGATGGTGGTTGCTCAACTACTGGCCGGCATTGGGACAGTGCCCAT
 CCAGCCCTTTGGGATCTCCTACGTGGATGACTTTGCCGAGCCTACCAACTCACCTCTGTATATCTCCATC
 CTATTCGCCATCGCTGTGTTCCGACCGGCTTCGGGTACCTGCTGGGCTCAGTCATGCTGAGAATCTTCG
 TGGACTACGGCAGAGTGGACACTGCTACCGTAAACCTGAGCCAGGTGACCTCGGTGGATTGGAGCCTG
 GTGGCTGGGCTGCTCATCTCCTCAGGCTTCTTGATTGTACCTCTTTGCCCTTCTTTTCTTTCCCGA
 GCAATGTCCAGAGGAGCAGAGAGGTCTGTTACCGCAGAGGAAACAATGAAGACGGAGGAGGACAAGTCAA
 GAGGCTCCCTGATGGATTTCAATAACGGTTCCTCCGATCTTCTGAGGCTGCTGATGAACCGCTCTT
 CATGCTGGTGGTCTGAGCCAGTGTACCTTCTCCTCAGTCATCGTGGCTCTCCACATTCTCAACAAG
 TTCCTGGAGAAGCAGTATGGAGCCACGGCAGCCTATGCCAACTTCTCATCGGTGCTGTAATCTTCCGG
 CTGCAGCCTTGGGATGCTGTTTGGAGGAATCCTCATGAAGCGTTTGTTCCTCTGCAAACTATCCC
 CCGAGTGGCTGCCACCATCATCACCATCTCCATGATCCTCTGTGTACCTCTCTTCTTTATGGGATGCTCC
 ACATCAGCCGTGGCTGAGGTCTACCTCCAGCACATCAAGTTCTATACATCCGAGCAGCCTCCTGCCT
 GCCGAGGACTGCTCGTGCCAGATTCTTCTTCCACCCAGTCTGTGGAGACAATGGAGTCGAGTACGT
 TTCCCCTTGCCACGCGGCTGCAGCAGCAACAACAAGCTCAGAAGCTTCTAAGGAACCGATCTACTTG
 AACTGCAGCTGTGTGAGTGGAGGATCGGCGTCAAGCAAGACAGGCTCATGCCCCAGTCTGCGCGCAGC
 TACTGCTCCGCTCATCTTCTCATTTCTTTGCGGCGCTCATTGCCTGCATCTCCACAACCGCTCTA
 CATGATGGTCTTCGCGTGGTGAACAGGATGAAAAGTCGTTGCCATTGGGTACAGTTCTTGTGATG
 CGTTGCTGGCCTGGCTGCCGGCTCCATCCCTTTATGGCTCCTCATCGACTCCTCTGTGTCGGTGGA
 ACTACCTATGCTCAGGAGACGAGGGGCTGTGCGTATTATGACAACGATGCTCTCCGAAACAGGTACCT
 GGGCTACAGATGGTCTACAAGGCTTGGGCACACTGCTGCTCTTCTTCATCAGTGGAGGATGAAGAAG
 AACAGGAATACAGCCTGCAGGAGAACCTCAGGCCTCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_022667

Insert Size:

1935 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:	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_022667.2, NP_073158.2</u>
RefSeq Size:	3392 bp
RefSeq ORF:	1935 bp
Locus ID:	24546
Cytogenetics:	8q32
Gene Summary:	DNA binding protein containing Cys-Cys zinc finger motifs [RGD, Feb 2006]