

Product datasheet for **RN205132**

Slco6c1 (NM_173338) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco6c1 (NM_173338) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slco6c1
Synonyms:	GST-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN205132 representing NM_173338
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCCAGGTCCAGAATAAAAAGCCAGATGCCAAGAAGGATGACAAGCACAACCAGGAACTGAAGGAT
 TAAAAAATAGACACATATCTGAGAACAATTCCAACGTGACGAAGAAGTTAAAGTCGCCCCAAAA
 GAAAAGGTCTCCTACAAGTGCCGAAGTGTATTAGATCCAAAATACAGTGCTTCAAGGAGGGGCCATTC
 GGTTTGGGCCCTCTAGTTTTCCCTTGTTTACAGCGTTTCAACAACATTGATTGCTTTATGATTTTTTCA
 TTGCATCGGTCTTAATTCATGGTGCTTTATTTGCTTTGGCTGATGATTTTAACTTATATCACAGTCT
 ACTTACTCTGTCAAAGAGGGAGTTGATTTTCATGGATTTCACTGGTTATATTGTATCTTCTTGGTAGCA
 ATATTTGTAGCACACTTTGGAGGTAAAGGGAACAGGACAAAATGGATTGCAGCTGCCTGCATTTTAAAGG
 CATTTGGATCAATTTACTTGGTTTTCTTTCTCTAAATATGAAATTATGAAGTCAGGGGACAAAGAGT
 AGAGTTGTGTGTAGAAGAAAATAAAGGAGAAAATATACATTGTGTACAAACAGTAATCCGACAGAACA
 AAATGTATCTGTTTCTTCATCATTGGGCAGTGTCTGAATGGAATTGCAGGGATGCCAATTTATATCTTG
 GCAAGACCTTCATTTTGACCATGTTCCACAAGATCAGCCGGCTTCTATCTGGCTCTTGACACTCTGC
 ACATCTGATGGGATACTTTCTCGGTATTTTGGAGGAATGAAGAATTTGAGTCCACCACCCAAAGAAAA
 TTAAGTGCAGTTGACTCTGCTAAGATACATCTACTGTTGCAGTTTGGGTGGTGGAAAACCTTTTTGTTCTG
 TTGCTGCAATCTCGTTTTCTGTATTTTAGTATTGTTATGCTTTCCAACCTAGTTTACCCGGTGCACAA
 GTTAAACTTGCAGAAAGAAAGGAACCTCTACCTTTGACAAGAGACTGAAAGATCAGAAAATCAACCT
 CGTTTCAAGGGTTTTGTTTTGCCATTTGGTACATGTTGAGGAACCCGCTGCTGATGACCAGGCAGTGT
 GCAAGTTTCAGAGAGTTTGTCTTCCATACATCTTTAGAGTTTCTGCCTTACCCTTGCAGACTCAGTT
 TTCAATAACTCCCGAGATTGCTTCTATGCTCAGGAGTGTGTAATTCCAGGAGGTGAATTGGCCAT
 TTTCTTGAGGTTTAATTGTTGACAGATTGAAATGACTAATAAGAACAAGTTGAAATTTTCATTAGTGA
 CATCTGTTGTATCAGTTGCACCTTTCTATTAATCTTTTTGTAGAGTGTGAAACAACAAAATTTGCTGG
 AATCAATGAAGACTATGATGGCTTAGGCAAACTTGAAACCTTACAGCTGGATGCAATTATCACTGCGCT
 TGCACAACTTCCCTATATAGTTCTGTGTGGAAGAGATGAAAAAGAGTATTTCTCTCCATGCTTTGCAG
 GATGCTCTGCTACGAAAGTACAACAGAATGAAAAGACATACTACAATTGTTCTTGCAATTAAGAAGGATT
 GACCACTTCAGATGCCGATGGTCACTTTATTGATGCTACTGATGGAACATGTAATAGCAACTGTCTTACT
 TTACCTTTGTTTTTGCCTTTTACTTTTCTGCAACTGTGTTTTCTACTATGTGTAGTACACCATCATCC
 TGATTATCCTTCAAAGTGTACCTGCCAATTTCACTTCACTTGGCCAGGGCGTGACAGTTGCAATTACGAA
 ATTTACTGCATCCGTCCCTGAACCAGCATTGTTTGAAGTGCATCATCAGTAGCTTGTAATTTCTGGGAC
 ATTAATGCATGTGGAGTCAGAGAAAAGTGTGGATCTATAATAAGACAACACTAGTCTACGTATTTATTG
 GAATTTGGGTTTCTTCAAATTATTTACAGCTTTGTTGAACATTTATGCAATTCATATATGATTATGT
 GGTAAAGGGCAAAATCAGTGACAGCAAAACCACACATGTAAAAGCTTCAAAGGCACAAAAGAAAGA
 GCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_173338

Insert Size:

2106 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_173338.1, NP_775460.1</u>
RefSeq Size:	2228 bp
RefSeq ORF:	2106 bp
Locus ID:	287006
Cytogenetics:	9q36
Gene Summary:	organic anion transporter; involved in the transport of taurocholic acid, dehydroepiandrosterone sulfate, and T4 [RGD, Feb 2006]