

Product datasheet for **RN209674**

Slco6b1 (NM_133412) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco6b1 (NM_133412) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slco6b1
Synonyms:	GST-1; Tst1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209674 representing NM_133412
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCGGAACCTTGAACAAGGCAGGCCAGTACTGCGAAGGCCCGAAAGATAATACTTTGGAGGCTC
 CGGTGAACATCACTACAGAGGCTCCGGTGGACATCACTACAGAGGCTCCGGTGGACATCACTGCACAGGC
 TCCAGTGGACATCACTGCAGAGGCTCTGGCGGACATCACTGCAGAGGCTTGGATGGACAGCAGCGCGGAG
 CCTCCCAAGGAAGAGTGGACTGACGATGATCAAGAACACATCAGAGTATCCCTTATCAGATACGCCTTT
 CAGCTGCCATGTCAGATGTTACAGGCCTCCAAAATGCTAACTCTGAAACCTCGTCACAGTTATCAGATAA
 AATACCAACTGACTTGGATGGGCCATTCGGCTTGGGGTCTCTGTTGTCCCTTCTTGCAGCGTTTCAAC
 AACATCAACTTCTTCTATCTCGTTCTGTATATTGACCCTAGCTCAAGGTATTGTATTTGGTCTGACTG
 ATTTGAGTATTGAAAATTTGAGAGGGATTTTATCTGTCACACCCAGAGAAAATCTATTGACCACTGC
 GTATGATCTTTCATCATTATTGGTAGTAATTATTGTAGCCCACTATGGAGGCAGAGGGAGGAGGTCAAGA
 TGGGTGGCAACTGCCGCCTTTTATAGTAGGACTTGGATCAATTATAGGTGCTCTCCCACTACTTGAATATG
 AAGTTATACATCCGGTGGAAAGAACTGGAGAGTTGTGCAAGATGAAGAACAAGAACTGCCAATTTG
 TGAGAAAATCATAACCATCAAAATCAGAAATATCTATCTTCTGTATCGGGCAGTGTTCAGGGATTT
 GCATCGATGCCGATGTATGTCCTTGGTATGACCTACATTTATGACAACATTTCTCTGACTTGGCTGGGA
 TCTATTTAGGTATTGCAGATGCTTATTCTGACTGGGATATGGTCTGGGTATGCAGTGGGATCACAAA
 CCTTAGGCCTTCACTTAATCACAGTCTGAGGAAAAGTAAATGACAACCTTCTTTGGTGGCAGTTCAAT
 TGGTTTCTTGGTTTTTTAGTGCCACTACTTGCATGGTTCACAGTTCACACTTTTCCACTTTTATGTTTTCCAC
 ACAGATTACCTGGTTCAAACAAGCTAAGAGTATGGAAGGAAAACGAACCTTCTTTTACAAGAAGTATAA
 AGATTTAAAATACGGATATAGTTTTAGGATCTGCTTCTGCTCTTTGGTATCTGGTTAAGAACCCTGCTG
 CTGATGTGCTACTCAATGTGCAAGCCACAGAGTCTTGGCTTTGATCGGAGCTACAGAATTTTTCGCAA
 AATATTTAGAAAATCAATTTTTGTTATCACCCCTCAAGTGTCTGCTGCTCACAGGAATATTTTAAATTC
 AGGAGGTGCAATCGGCAATTTTCTGGGAGGTTTCACTGTTTCCAAGATGAAAATGTCTTGTAAAACCCAA
 ATGAGATTTATAACGGTAACATCTGTTATACCTTCTGCTTTTTGTGTTAAACGCTTTTGTGAAGTGTG
 AAAGAGTGAATTTGCCGAATCAATAGCGATTATGAAGGATCAGGTACCCTTGGAAACCTAACAGCGCC
 ATGCAACGCACACTGTGGTGCACAAGTACACCTACTATGCTATTTGTGAAGAGATGAGATTGAATAC
 TTCTCTCCCTGCTTGCAGGCTGCCTTAATTCTAAAGAGTTAACTATGAAAAGACTCTACAATTGTT
 CTTGCATTAACATGGACTGGCAAATGCAGATTCTGAAAATGACCCCACTTGCCTTCTCGGAAAGTG
 TAACACCAAGTGCTATGCACTGCCTTTGTTCTTTGCTTTTTCTTTTCGTCATTTGCTTTTCCAGTTCA
 GCTAGTATACCTATCACCTTGATTATCCTCCGAACTTTACCTACAAGTTTACATTCAGTGGGCTAGCTG
 TGACCTATACAATATTGAGAATATTTGGTTCCATCCCTGGACCACTGCTTTTTCGAATAGCATCAAGTAG
 TTCTTGTCTTACTGGGACATTAATAAATGTGGACTCAGAGGACATTGTTGGATATATAAAGTTTAAA
 ATGATGTCATATTGATGGGATTATGATTTCTTGCAAATTAATCTCAACCTTGTCTCCCTCTTGGCAC
 TTTTAAAGTATAATGTTTTAAGAGTTGGAAGTGAAGGCGTAAAGAAAACAAAAGAAAGCAAAAACAAGAAA
 AACGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133412
Insert Size: 2247 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_133412.1 , NP_596903.1
RefSeq Size:	2580 bp
RefSeq ORF:	2247 bp
Locus ID:	170925
Cytogenetics:	9q36
Gene Summary:	transporter protein isolated in Sertoli cells, where selective transport may be critically important for protection of developing germ cells [RGD, Feb 2006]