

Product datasheet for **RN200810**

Slco1a5 (NM_030838) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco1a5 (NM_030838) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slco1a5
Synonyms:	OATP-3; Oatp3; Slc21a7; Slco1a2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200810 representing NM_030838
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAGAAACAGAGAAAAGGGTTGCAACCCATGAGGTCAGATGCTTTTCCAAGATCAAGATGTTTCTGT
 TGGCATTAAACATGGGCATATGTATCCAAATCACTATCAGGAATTTATATGAATACCATGCTTACACAAAT
 AGAGAGACAATTTGATATCCCCACATCTATAGTTGGATTCATTAATGGGAGCTTTGAGATTGGAAATCTT
 TTGTTGATTATATTCGTGAGTTATTTTGAACAAAAGTGCACAGACCTATCATGATTGGTGTGGATGTG
 TGATTATGGGCTGGGGTGTTCCTTAATGTCACTACCTCATTTCCTCATGGGCAGATACGAATATGAAAC
 AACGATTTACCTACAAGCAACTGTCTCAAACAGCTTCTTGTGTATGGAGAACAGATCCAGACCTTA
 AAGCCAACGCAAGACCCAGCAGAGTGTATAAAGAAATGAAATCATTAAATGTGGATATATGTAAGTGTAG
 GAAACATTATACGTGGAATTGGTGAAGTCCCATCATGCCCTGGGTATTTCTACATTGAAGACTTTGC
 CAAATCGGAAAAGTCTCCTTTATACATTGGGATTTTAGAAACAGGAAAGGTCTTTGGCCCAATAGTTGGA
 CTTTGTGGGATCCTTCTGTGCAAGCATTATGTAGACACAGGGTCTGTGAATACAGATGACCTGACCA
 TAACTCCCACTGATACCCGCTGGGTGGTGTGGTGGATCGGCTTTTGTCTGTGCGGGAGTGAATAT
 CCTGTCTAGCATCCCTTTTCTTCTTTCCAAACGCTCCCAAAGGAAGGGTTGCAGGATGATGTGGAT
 GGAAGTAAACATGACAAGGAGGAGAAACACAGAGAAAAAGCCAAAGAGGAAAACCGAGGAATCACTAAAG
 ATTTCTTGCCATTATGAAGAGCCTCTCCTGCAATCCGATTTACATGCTTCTCATCCTTACAAGTGTGCT
 CCAGATAAATGCATTTATTAATATGTTTACCTTCTTGGCCAAATACCTGGAACAGCAATATGGGAAATCC
 ACTGCAGAGGTGGTCTTCTCATAGGTGTTTAACTTACCTCCAATATGCATTGGATATTTACTTATTG
 GCTTTATTATGAAGAAGTTCAAGATTACTGTCAAGAAAGCTGCATACATGGCGTTCTGCCTCTCCCTGTT
 TGAGTACCTTCTGTATTTCTTGCACTTTATGATAACCTGCGATAACTTCCAGTTGCCGGCTTAACTGCC
 TCTTATGAAGGAGTTCAACACCCTCTGTATGTGGAGAACAAGGTCTTGTGACTGCAACAGAGGGTGTA
 GCTGCTCAACGAAGTCTGTTGGAACAGGAACCAACATGGTGTTCAAAATGCAGCTGCATCCGGTCATCA
 AGGCTGTAAGAAGTCTGTTGGAACAGGAACCAACATGGTGTTCAAAATGCAGCTGCATCCGGTCATCA
 GGAAATTCATCTGCAGTCTGGGTTATGTAAAAAGGCCCTGAGTGTGCTAATAAACTACAGTACTTTT
 TAATCATGTCAAGTAAATGGCAGTTTCTACTCGATCAGCCATACCTGGGTATATGTTCTTCTGAG
 GTGTATCAAGCCTGAAGAGAAGTCGTTGGGATTGGATTACATGCATTTTGCACAAGAGTATTCGCTGGC
 ATTCGGGCACCCATTTACTTTGGCGCTTTGATAGACAGAACCTGTTTACATTGGGGAACCTGAAATGTG
 GTGAGCCCGGGCATGCAGGATGTACAATATAAATAACTTCAGGCGCATTACCTAGTGTTCCTGCAGC
 TCTTAGAGGATCAAGCTATCTCCCTGCACTCTTATTCTGATACTTATGAGGAAATTCAGTTCCCTGGG
 GAAATCGACTCTTCAGAACTGAAGTGCAGAGATGAAGATCACAGTGAAGAAAAGTGAAGTGCACAGATG
 TGCATGGAAGTCTCAGGTCGAGAATGACGGAGAAGTGAAGACGAGGCTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_030838

Insert Size: 2013 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_030838.1, NP_110465.1</u>
RefSeq Size:	2765 bp
RefSeq ORF:	2013 bp
Locus ID:	80900
UniProt ID:	<u>O88397</u>
Cytogenetics:	4q44
Gene Summary:	facilitates renal uptake and excretion of the uremic toxin indoxyl sulfate; may facilitate intestinal absorption of bile acids; transports thyroid hormones and taurocholate [RGD, Feb 2006]