

Product datasheet for **MC205615**

Slco1a5 (NM_130861) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco1a5 (NM_130861) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slco1a5
Synonyms:	Oatp-3; Oatp3; Slc21a7
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013594
 ATTTGCTGCTGTGAATTTCTTTTTCCGTCACCAGCGAGAACACCATTTTCTAAAGCTTCTTCATGTATGT
 ACTTCTCATTGGCCAAGTGGTAAGACTGTTTAAAGAATAGTCATTTGGAGACAATCAGAAGAACAACAT
 GGGAGAAACAGAGAAAAGGATTGCAACCCATGGGGTCAGATGCTTTTCTAAGATCAAGATGTTTCTGTTG
 GCATTAACATGTGCATATGTATCCAAATCACTCTCAGGAATTTATATGAATTCATGCTTACACAAATAG
 AGAGACAATTTGATATCCCCACATCTATAGTTGGACTTATCAATGGGAGCTTTGAGATTTGAAATCTTTT
 GTTGATTATACTCGTGAGTTACTTTGGAACAAAATTCACAGACCCATCATGATTGGTATTGGATGTGTG
 ATTATGGCCTAGGGTGTTCCTTAATGTCTTACCTCATTTCCTCATGGGCCGATACGAATATGAAACAA
 CGATTTTACCTACAAGCAACTTGTCTCAACAGCTTCTTGTGTATGGAAAACAGAACACAGACCTTAA
 GCCAACGCAAGACCCTGCAGAGTGTGTAAAGAAATGAAATCATTAAATGTGGATATATGACTGGTAGGA
 AACATCATACGTGGAATTGGTAAACTCCCATCATGCCCTGGGTATTTCTACATAGAAGATTTTGCCA
 AATCTGAAAACCTCCTTTATATATTGGGATTTAGAATCAGGAAAGATGATTGGCCGATTGTTGGACT
 TTTGTTGGGATCCTTCTGTGCAAGAATTTATGTAGACACAGGGTCTGTGAATACAGATGACCTGACCATA
 ACTCCCCTGATACACGCTGGGTCGGTCTTGGTGGATTGGCTTTTTGGTCTGTGCAGGAGTGAATATCC
 TGACCAGCATCCCCTTTTCTTCTTTCCAAAACACTCCCAAAGGAAGGATTACAGGATAATGTGGCTAG
 AACTGAAAATGACAAGAGGAGAAGCACAGAGAAAAGCCAAGGAGGAAAACCGAGGAATACTAAAGAT
 TTCTGCCATTGAAAGAGCCTCTCCTGCAATCCTATTTACATGCTTCTCATCTGACAAGCGTGTCTCC
 AGATAAACGCATTTATCAATATGTTTACCTTCTTGCCAAATACCTGGAGCAGCAGTATGGAAAATCCAC
 TTCAGAGGTGCTCCTCCTCATAGGTGTTTGAACCTTACCTCCAATCTGCATTGGATTTTACTTATTGGC
 TTTATTATGAAGAAGTTCAGGATTACTGTCAAGAAGGCTGCATACATGGCATTCTGCCTATCCCTGTTTG
 AGTACCTTCTGTCTTACTTTCACTTTATGATAAGCTGTGATAATTTCCAAGTTGCTGGCTTAACTACCTC
 TTATGAAGGAGTTCAGCACCTCTATATGTGGAGAACAAGGTCCTTGTGACTGCAACACAAGGTGTAGC
 TGCTTAACAACACATGGGATCCAGTGTGTGGAGACAATGGCCTATCATACATGTCAGCCTGCCTTGGCG
 GCTGTGAGAAGTCTGTTGGAATGGGAACCCACATGGTGTTCAAAATTGCAGCTGCATTGAGTATCAGG
 AAACCTCATCTGCAGTCTGGGGCTGTGTAAAAAGGCCCTGAGTGTGCTAACAAGCTGCAGTACTTTTTTA
 ATCATGTCGGTAATTGGCAGTTTCATCTATTCGATCACAGCCATACCTGGGTACATGTTTCTTCTGAGGT
 GTATCAAGTCTGAAGAGAAGTCACTTGGAAATGGATTACACGCATTTTGCACAAGAATATTTGCTGGCAT
 CCCTGCACCCATTTACTTTGGAGCTTTGATAGACAGAACCTGCTTACATTGGGGAACCTGAAATGTGGT
 GAGCCAGGAGCATGTAGGATATAAATAAATAAATTAAGGCGCATTTATCTAGTGTTCCTGCAGCAC
 TAAGAGGATCAAGCTATCTCCCTGCATTCTTCTTCTAATACTTATGAGGAAATCCAGCTCCCTGGGGA
 AATGTACTCTTCAGAACTGAACCTGCAGACATGAAGCAACAGTGAAGAAAAGCGAGTGCACAGATGTG
 CACGGAATTCCTAAGGTGAGAATGATGGAGAACTGAAAACCTAAGCTGTAAATGAATGGCAATGGAACCT
 GCTGGCCTGTGCAAGGCTCTGAACAGAATGCACATTGCACCTTCTTTGAATCATGAGAGGTACGAGAGAA
 CTCCTTTCTAAAATAAATCAGGGCTGGACACAGTGAAGATATTCTAAAAGTCAACCGTCTCATCTCA
 GGAGGCCCTCTGGTGTCACTCATTCTAGTCACATATCCAGAGCACAGTGTACTTTCAAAATCATCTTA
 AAGTAAAACCTTTGAAGAGGGGCCACCTAAATGGCCCAATGGAAGGTGTGCTTTCTACCAAGGCTGACA
 AGGTGTGTTTGTCTTTGGACCAACATGGCAGAAGGACAGAACCAACCTCGCTTTCAGGTTGCTTTTT
 CTCTCTACTCCCGCACTGTGGTGTGCATATCCCACCCCAACAAACAAACAAATAAAAAAATTTAGAAAC
 TAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_130861
- 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: [BC013594](#), [AAH13594](#)

RefSeq Size: 2607 bp

RefSeq ORF: 2013 bp

Locus ID: 108096

UniProt ID: [Q91YY5](#)

Cytogenetics: 6 G2

Gene Summary: Mediates the Na(+)-independent transport of organic anions such as taurocholate and thyroid hormones.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.