

Product datasheet for **MC222084**

Slco5a1 (NM_172841) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Slco5a1 (NM_172841) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Slco5a1 |
| Synonyms: | 4732454B15; A630033C23Rik; AA407151 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC222084 representing NM_172841
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACGAAGGGGATGCGCAGTCTCGGGCCCAACAGCAGCTAGAGGCACCGTCTTCGGTTGGAGCTGTCC
 AAGAGAAGTGCGAGTCAGAGTCCTTCAGGTCTAAGAGTTTACCGGTCCTGCACAGCGCCTCTGCCGGCA
 GAATTTAGTGTGGGAATGCAGATGGCAAACCTGGCCTTGGGTTGCAATGAAGCTCCAGGTCGCCAGGAG
 ACGCATCTAGGACGGAACCTTGATAGTCCCCAGCCCTTCTGCTCCATCCACTTCGGCAGGCACTACAACGG
 AACTCATGGACTGTAACCAACAGGATGGACCCAGCAAACCTGTGTCAGTATCTTCCACTTTGGCCACT
 CCAGGAGAGAAGGTGTCTCTACGTGGTCTTACGGATTCTCGTCTCTTAGTGTGCATGTGTTTTCTG
 ACTTTCATCCAGGCGTTAATGGTCTCTGGGTACCTGAGCAGTGCATCACCACCATCGAAAGGCGCTATA
 GCTTGAAGAGTTCTGAGTCAGGGCTGCTGGTCACTGCTTTGATATAGGAAACCTGGTGGTGGTGGTGT
 CGTCAGCTACTTTGGTGGCCGTGGCGAAGGCCCTATGGCTGGCAGTGGGTGGACTTCTATTGCCATC
 GGGGCTGCGCTCTTCGCTTACCTCACTTATCTCACCCCTATCAAATCCAAGAGTTGAACGCTTCGG
 CCTCCAACGATGGCCTTTGTCAGAATGGCAACTCCACAGCCATCTTGGAGCCTCCTCCCTGTCCCAAGGA
 CTCGGGAGGAAATAGTCACTGGATCTACGTGGCTTTATTCGTTTGTGCACAGGTTCTCATTGGAATGGG
 TCTACACCGATTTACACCTGGGACCAACCTATTTAGATGACAACGTCAAGAAAGACAATGCATCCTTGT
 ACCTAGCCATCATGTATGTCATGGGAGCACTCGGCCCTGCAGTAGGATACTTACTAGGTGGGCTACTCAT
 TGGCTTTTATGTGGATCCAGAAATCCTGTTACCTTGACCAGAGTGACCCTCGTTTCATCGAAACTGG
 TGGAGTGGATTCCTTCTTTGTCATTGCAATGTTTCTGTGATATCCCAATGTTTACTTTTCCAAAA
 AGCTTCCACCTCGACACAAGAAAAAGAAAAATTTCTGCCGATGTCGTTATCGACGATGACATCATCAA
 GGAGAAATCAAACACAAGTGAACAAATGAACAAAAAGTTTCTCCAATGGGCTTTGGAAAGAAATGTCAGA
 GACCTACCAAGAGCAGCTGTCAGGATCTTAAGCAACATGACATTCCTTTTTGTGAGTCTGTCATACACAG
 CTGAGAGTGCCATTGTCACCGCTTTCATTACCTTCATCCCAAGTTCATCGAGTCACAGTTTGGTATCCC
 AGCTTCCAATGCCAGCATCTACACTGGTGTGATCATTGTCACCCAGTGCCGGTGTGGTATTGCTCTGGGA
 GGCTACATCATAAAAAACTGAAGCTTGGTGCAAGAGAATCTGCAAGCTAGCCATGATGTCAGCGGGG
 TTTCTCTGCTGTGCTTCTCCACCCTGTTTATTGTTGGCTGTGAAAGCATTAACTAGGAGGCATAAACAT
 CCCTTACACAACGGGACCTTCTGACCATGCCTCATAGGAATCTGACAGGAAGCTGTAATGTTAATTGT
 GGCTGTAAAATACACGAATATGAGCCAGTCTGTGGATCAGATGGGATCACATACTTCAACCCATGTCTGG
 CTGGCTGCATTAACAGTGGTAATCTTACACTGGGGTCCGAAATACACAGAGTGTACCTGTGCCAAAG
 CCGACAAGTGATCACCCGCCACAGTGGGGCAGCGCAGCCAGCTCCGAGTGGTCACTCGTCAAAACCTAT
 CTCAATGAGAACGGCTATGCTGTGTCTGGGAAGTGCAAACGCACCTGCAATACCCCTATTCCCTTCTGG
 TCTTCTTTTTCATAGTTACCTTCATCACAGCATGTGCCAACCATCAGCCATTATAGTACTCTCAGGTC
 TGTGGAAGATGAGGAAAGGCCCTTCGCGTTGGGAATGCAGTTTGTGTTTGTGCGAACACTTGATACATT
 CCTACTCCAATTTACTTTGGAGCTGTGATTGACACCACCTGTATGCTCTGGCAGCAGGAATGCGGAGTGC
 AGGGCTCTTGTGGGAGTACAACGTGACGTCAATTCGTTTGTCTACTTTGGCTTGGCGGCTGGCCTCAA
 ATTTGTTGGCTTTATTTTTATTTTCTGGCCTGGTACTCTATCAAGTACAAGAGGACGGATTGACAGAG
 CGGAGGTGCAGGGAATCCCACTGAGCACTGTGAGTGAAGCAAGTGGGCCAGCCAGCAAAGCTGAGAAGT
 ACTCCCGACTACATCATGCCAGCCTTCAACACCCAGGGGAAGTCCATGAAGAAACTGCTCTGCAAAA
 GGGATTCCATGCACCACACAGACATATCCGGGACCTTCTCAGAAGCAGTAAGTTCCTCTGCAGACCT
 GGGCAGGACGAGACCCCGATGCTGCTTTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_172841
Insert Size: 2553 bp

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| 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: | <u>NM_172841.2</u> , <u>NP_766429.2</u> |
| RefSeq Size: | 8526 bp |
| RefSeq ORF: | 2553 bp |
| Locus ID: | 240726 |
| Cytogenetics: | 1 A3 |