

Product datasheet for **MC201563**

Slco4a1 (NM_148933) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco4a1 (NM_148933) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slco4a1
Synonyms:	OATP-E; Slc21a12
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC030720 sequence for NM_148933
 GTAAAAGAGTCATAACCCGTGCTGTTCCCACTGCTCGGACTGAGAAAACCTCTCCAAATCTGGTGCCAA
 CTTCTCCTGGTCTCAAATATTTGTTTTCCCTACTACACAGCTGCTAGAAGTGACGTAGATGCAGGAGCC
 GGGACTGGCACACAGGACGGCTCCACGGCAATAGACCCAGTGACAAGACAGTCTCTCGGCCACCTCTACT
 GCACCTCGGCTGCTGTGCTGCCAAAGCCTTCCCAAGAGGCTGGACATGCCCCAGCACGCGATGGGGGAC
 ACACATTTCTCTCCCTCCGAAGCACCTCTTTACTAGCACGTCCTCAGCCACGGACAGCGGGTGTGACA
 CTCCGCCAGCAGCAGCATCCCCAGCCTCCCTGCGCTCTGCCACGGCACCTGGGCTCCTCCAGCCA
 ACCCTGTGTTGAGCCCCAGGCTGAGAAGCGGAGTAGCCAGACAGCCGTGAGGTGCAGTATGTGTCCTCG
 GGGCCACAGAAGTCACTGTGCGGCTGGCAAGCCTTCACGCCCAAGTGCTTGCAGGTCTTCAACACCCCCA
 AGGGCTTCCTCTTCTTCTGTGTGCGGCCTCCTTCCTCAGGGCATGACAGTGAATGGTTCATCAATAC
 TGTTCATCACCTCCATCGAACGCCGCTTCGATCTGCACAGTACCAGAGCGGGCTCATCGCCAGCTCCTAT
 GACATCGTGCCTGCCTATGCCTTACCTTCGTGAGTACTTTGGGGGCAATGGGCACAAACCGCATGGC
 TGGGCTGGGGTGTGCTGGTCTGGGAATCGGCTCCCTGGTATTTGCACTGCCCCATTTACTGCCGGCCG
 CTATGAGGTAGAGATGGATGAGGGGCTGGGACTGGGACGTGCCTGACTAATCAGAGTCATGTGGAGTGT
 AAAGACAGTGCCTCAGGCTGTCCAACACCGGCTGATCTTCATGCTGGGCCAGCTCCTGCACGGTGTGG
 GTGCCACGCCGCTCTACACACTGGGCGTCACGTACCTGGATGAGAACGTCAGTCAAGTCAAGTTACTACCCAT
 CTATATCGCCATCTTCTACACGGCAGCCATCCTTGGACCTGCAGCAGGCTACCTGATTGGAGGAGCCATG
 CTAAACGTTTACACAGAAGTGGGCCAACGGACGGAGCTGACCACTGACAGCCCACTGTGGGTTGGTGCT
 GGTGGATCGGCTTCCTAGGAACCGGATTGCTGCATTCCTCATCGCCATCCCCATCCTTGCTATCCCCG
 GCAGTACCAGGCTCCAGCGCTACGTTGTTATGAGAGCGGCTGAAACACAGCAGCTGAAAGACCACAGC
 CGCGGAGCAGTGAGCAATCCAGCTTTTGGAAGACTGTGAGAGACCTGCCCTCTCCATCTGGCTCCTTC
 TAAGAAACCCACGTTTCATCCTGCTCTGCTGGCAGGGGCCACTGAAGCCACACTCATTGCCGGCATGTC
 CACATTCGGTCCCAAGTTCTTCGAGGCCAGTTCAGCTTGAGTGCCTCCGAGGCTGCCACCCTGTTCCGA
 TACCTGGTGGTGCCAGCAGGCGGTGGTGATCACTCCTAGGTGGCTTCCTGGTAAACAAGTCAAGCTCC
 GTGGCTCTGGGATCATCAGGTTCTGTCTATTCTGCACCTTGACCAGCCTACTAGCCTTCTTGTCTTCT
 CATGCACTGCCCCAATGTGCACATGGCAGGTGTGACCACCGGCTACGTTGGGAGCCTCCTGCCTAAAGGA
 CAGCTGGACCTAAAGGCAGCTTGCAACGCCATCTACTGTTGCCAGCCGAAGCACTACAGCCCCCTGTGTG
 GCTCAGATGGCACCATGTACTACTCTCCCTGCTACGCAGGCTGCCCTGCTGATGCCGAGACAGACCTGGG
 TGGCCAGAAGGTATACGAGGCTGTAGCTGTATCCTTGAGAAGGCTTCCTCTGGCTGGGGCAATGCTACC
 GCAGGGAAGTGCCTTCCACCTGTCAGAGCAAGCCCTTCCTTCTGTTCTCGTGTTCGTTGAATTATCT
 TTACATTCCTCAGCAGCATTCCAGCGCTAACTGCTACTCTACGGTGTGTCAGTGATCGGCAAGATCCTT
 TGCCCTGGGGATCCAGTGGATCGTCGTAAGAACACTAGGCAATTCGGGGGCCATTGCCTTTGGCTGG
 GTGATTGACAAGGCTGCCTGCTGTGGCAAGACAGTGTGGTCATCAGGGCTCCTGCTTCGTGTATGAGA
 ATGAAGCCATGAGCCGCTACATGCTCATCGCAGGGCTCACTTTCAAGGTGTTGGGCTTCCTCTTCTCGT
 CGCCGCTACTTTCTCTACAAGTCCCCTTCCGTGCTCCTCAGATGGTCTAGAGGCTCCCTGCCAGCCAG
 TCCTCGGCCTCTGACAGTCCCACAGAACAGTCCAGAGCAACGTGTGACAGCGCTGGCCTCTCCACATTT
 CCTGAGGACTCTTCTGGAAACCTGACCCACCCACAGGGCGGTAACACTGAGGACCTTGCAAAACCT
 CACACTGTGTTCTGGGGTCTCGCACTGCCCCACACTGTGACTGAGCAGCCTCTGAGGCGTTAAGGAGGAA
 GTCAGTGTGTATAGGGGTACATATGAACCAGACACATTCCCAAGCCCTGGAGTCTGAAAGGGGTGTC
 ACTACATTTTCATAGACCATCACCTGATCCTGATTTCTGTGTCTACTGAGAAGCCCATGCAGGGCAGCA
 GTGCCCTGGGAATGATCCTGTGGAGCCAGCTATTGGGTAAATTTGCTTGAATCTGCTTACTGCCTGTCCTG
 GAAGCCCGGTGGCCTCCATGCGGGGCAGCAGCACTTGAATCGTTATGTCCAGACGTATATTTGCACTG
 AATGGTGTATGGAATCAGTTTGTACTTGATCATGTGACTCATGTCCAAGCAAACTGCACTGAGGATT
 TGATCCCATCTGAGGTGCCACGCAGCTTGTGTGGACAGTGTGTTTCTATGTTTTGGTTAGAGTGTGTAC
 ATAATATATTTTAATATTTAAACCAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_148933
Insert Size: 2172 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC030720</u> , <u>AAH30720</u>
RefSeq Size:	3049 bp
RefSeq ORF:	2172 bp
Locus ID:	108115
UniProt ID:	<u>Q8K078</u>
Cytogenetics:	2 H4
Gene Summary:	Mediates the Na(+)-independent transport of organic anions such as the thyroid hormone T3 (triiodo-L-thyronine) and of taurocholate.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 both encode the same protein.