

Product datasheet for **MC217809**

Slco1c1 (BC078456) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco1c1 (BC078456) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slco1c1
Synonyms:	Oatp2, OATP-F
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217809 representing BC078456
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGACACCTCATCCAAAGAAAATGCCATTTGTTCCACAAAATTCAGCGCAACCTGCCGAGGGCCAT
 CCTTTACAGTCGGATATCCGTCCACAGAGGAAGCGCGCCATGCTGTGGAAAACCAAGGTGTTCTTGGG
 TGCCCTGTCGTTTGTACTTTGCCAAAGCATTGGCAGAAGGCTATCTGAAGAGCACCGTGAAGTACAGATA
 GAGAGAAGGTTTGAATCCCTCTCTGGTGGGAATAATTGATGGTAGTTTTGAAATCGGGAATCTCC
 TGGTCATAACGTTTGTAGCTACTTTGGTGCCAACTTCACAGGCCAAAAATAATTGGAGCAGGATGCCT
 GGTCATGGGCTTCGGAATATGCTCATTGCTGTACCCAGTCTTCATGGAGAAGTACAGCTATGAGAAA
 TATGAGAGGTATCCCGTCTCCAATGTTACTCCAGCATCTCTCCGTGCTACCTGGAGTCCAGCAGTC
 CATCACCAAGCTCAATCCTGGGAAATCACAGAACAAAATAAGTCACGAATGTGTAGGGGATTCCAGCTC
 CTCCATGTGGGTTTATGTCTTCTGGGAAATCTTCTCCGAGGGTATAGGGGAGACGCTATCCAACCCCTG
 GGCATCGCTATCTGGATGACTTTGCCAGTGAAGACAATGCTGCTTTCTACATCGGGTGTGTGCAGACAG
 TGGCAATTATAGGACCCATTTTGGCTTCTTTGGGCTCATTATGCGCAAACTGTATGTTGATATTGG
 CTTTGTGAATCTAGACCATATAACAATCACCCAAAGGATCCTCAGTGGGTGGGGCCTGGTGGCTTGGT
 TACCTAATAGCTGGATTCCTAAGTCTCCTTGCAGCTGTTCTTCTGGTCTTACCAAGACTCTACCAA
 GATCCCAAAGTAGAGAGAACTCTGGCTCCACATCTGAGAAATCCAAGTTCATAGATGACCTATTTACTA
 CCAATGGCCCTGGAGACGATAAAATGAAAATCATGGAAATGGCAAAAGATTTTCTTCCATCATTGAAG
 ACTCTTTTAGAAATCCAGTATACATCTTATACTTGTGTGCAAGCACCGTTCAGTTCAATTCTCTATTGT
 GCATGGTCACATATAAACCAAAATACATTGAGCAGCAGTATGGGCAGTCTTCTTCAAAGCCAACTTTGT
 CATTGGGCTCATCAACATTCTGCAGTGGCCCTTGGAAATATTCTCTGGGGGAATAGTTATGAAAAAATTC
 AGGCTGGGTATTTGTGAAGCTACAAAATCTACTTGGGATCATCTGTCTTTGGCTACCTCCTCTCTCTCT
 CTCTGTTTGAAGTGGATGTGAAAATCTAGTGTGGCCGAGTACTGTCTCTACCAAGGATTGCAACT
 CAAGAT**GTAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** BC078456
- Insert Size:** 1410 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:	BC078456 , AAH78456
RefSeq Size:	2542 bp
RefSeq ORF:	1409 bp
Locus ID:	58807
Cytogenetics:	6 G2
Gene Summary:	Mediates the Na(+)-independent high affinity transport of organic anions such as the thyroid hormones thyroxine (T4) and rT3. Other potential substrates, such as triiodothyronine (T3), estradiol-17-beta-glucuronide, estrone-3-sulfate and sulfobromophthalein (BSP) are transported with much lower efficiency (By similarity). May play a significant role in regulating T4 flux into and out of the brain (By similarity).[UniProtKB/Swiss-Prot Function]