

Product datasheet for **MR207504**

Slco1c1 (BC078456) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco1c1 (BC078456) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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ORF Nucleotide Sequence:

>MR207504 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACACCTCATCCAAGAAAAATGCCATTTGTTCCACAAAAATTCAGCGCAACCTGCCGAGGGCCAT
 CCTTTACAGTCGGATATCCGTCCACAGAGGAAGCGCGCCATGCTGTGGAAAACTCAAGGTCTTCTGGG
 TGCCCTGTCGTTTTGTTACTTTGCCAAAGCATTGGCAGAAGGCTATCTGAAGAGCACCGTACTCAGATA
 GAGAGAAGGTTTGGATCCCTTCTCTCTGGTGGGAATAATTGATGGTAGTTTTGAAATCGGAATCTCC
 TGGTCATAACGTTTGTAGTACTTTGGTGCCAACTTACAGGCCAAAAATAATTGGAGCAGGATGCCCT
 GGTTCATGGGCTTCGGAATATGCTCATTGCTGTACCCAGTCTTCATGGAGAAGTACAGCTATGAGAAA
 TATGAGAGGATTCCTCCATGTTACTCCAGCATCTCCGTGCTACCTGGAGTCCAGCAGTC
 CATCACAAGCTCAATCCTGGGAAATCACAGAACAAAAAAGTCACGAATGTGTAGGGGATTCCAGCTC
 CTCCATGTGGGTTTATGTCTTCTGGGAAATCTTCTCCGAGGGTATAGGGGAGACGCTATCCAACCCCTG
 GGCATCGCTATCTGGATGACTTTGCCAGTGAAGACAATGCTGCTTTCTACATCGGGTGTGTGCAGACAG
 TGGCAATTATAGGACCCATTTTGGCTTCTTTGGGCTCATTATGCGCAAACTGTATGTTGATATTGG
 CTTTGTGAATCTAGACCATATAACAATCACCCAAAGGATCCTCAGTGGGTGGGGCCTGGTGGCTTGGT
 TACCTAATAGCTGGATTCCTAAGTCTCCTTGCAGCTGTTCTTTCTGGTCTTACCAAGACTCTACCAA
 GATCCCAAAGTAGAGAGAACTCTGGCTCCACATCTGAGAAATCCAAGTTCATAGATGACCCTATCTACTA
 CCAATGGCCCTGGAGACGATAAAATGAAATCATGAAATGGCAAAGATTTTCTTCCATCATTGAAG
 ACTCTTTTAGAAATCCAGTATACATCTTACTTGTGTGCAAGCACCGTTCAGTCAATTCTCTATTTG
 GCATGGTCACATATAAACCAAAATACATTGAGCAGCAGTATGGGCAGTCTTCTTCAAAGCAAAATTTGT
 CATTGGGCTCATCAACATTCTGCAAGTGGCCCTTGAATATTCTCTGGGGGAATAGTTATGAAAAAATTC
 AGGCTGGGATTTGTGAAGCTACAAACTCTACTTGGGATCATCTGTCTTTGGCTACCTCTCTCTCTCT
 CTCTGTTTGCAGTGGGATGTGAAAATTCTAGTGTGGCCGACTGACTGTCTCTACCAAGGATTGCAACT
 CAAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207504 protein sequence
 Red=Cloning site Green=Tags(s)

MDTSSKENAHLFHKNSAQPAGGPSFTVGYPSTEEARPCCKLKVFLGALSFVYFAKALAEGLKSTVTQI
 ERRFEIPSSLVGIIDGSFEIGNLLVITFVSYFGAKLHRPKIIGAGCLVMGFMTL IAVPQFFMEKYSYEK
 YERYSPSSNVTPSISPCYLESSPSPSSILGKSQNKISHECVGDSSSSMWWYVFLGNLLRGLGETPIQPL
 GIAYLDDFASEDNAAFYIGCVQTVAIIGPIFGFLLGSLCAKLYVDIGFVNLDHITITPKDPQWVGAWWLG
 YLIAGFLSLLAAVFPWCLPKTLPRSQSRENSGSTSEKSKFIDDP.IHYQMAPGDDKMKIMEMAKDFLPSLK
 TLFRNVPVYILYLCASTVQFNSLFGMVTYKPKYIEQQYQGSSKANFVIGL INIPAVALGIFSGGIVMKKF
 RLIGICEATKLYLGSSVFGYLLFLSLFALGCENSSVAGLTVSYQGLQLKM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

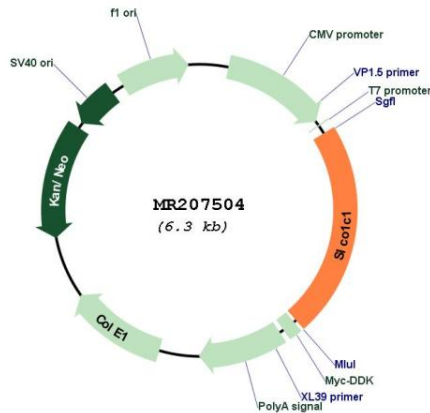
Sgfl-MluI

Cytogenetics: 6 G2

MW: 51.4 kDa

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]

Product images:



Circular map for MR207504