

Product datasheet for **MR210021**

Slco2b1 (NM_175316) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco2b1 (NM_175316) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slco2b1
Synonyms:	A1060904; A1852653; OATP-B; Slc21a9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR210021 representing NM_175316
 Red=Cloning site Blue=ORF Green=Tags(s)

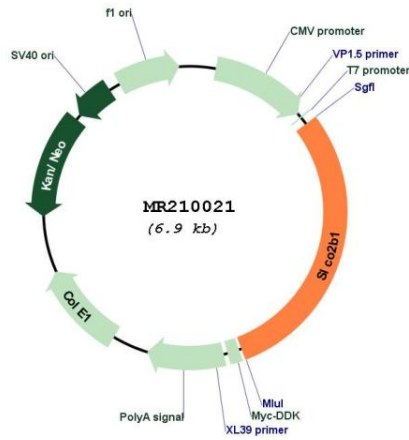
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGACAGGAGCACCAAGACCACAATGGGCACAGAAGATATGCATGAAAGGAAAGTCAGTGTGGAGC
 CTCAGGACTCACATCAGGATGCACAGCCCCGCGGATGTTCCACAACATCAAGTTCTTTGTCTATGTCA
 CAGTCTACTGCAGCTGACACAGCTCATGATCTCTGGCTACCTCAAGAGCTCCATCTCCACAGTGGAAAAG
 CGCTTTGGGCTGTCCAGCCAGATCTCAGGGCTGTAGTCTTTCAATGAGGTAGGGAATGTATCCTTGA
 TCTTATTTGTGAGCTATTTGGCAGCCGAGTGCACAGACCCCGGATGATCGGCTATGGGGCTCTCCTGGT
 GGCCACGGCAGGCCTGCTCATGGCACTCCCTCACTTCATCTCAGAACCATACCGCTATGACCACAGCAGC
 TCCGACAATAGGTCAGTGGACTTTGAAGCATCCCTGTGCCTGCCACGACTATGGCTCCAGCCTCTGCC
 TGTCCAATGGCAGCTGTTCCAGTCACACAGAAACCAAGCATCTGACCATGGTGGGATCATGTTCCGAGC
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 CACCATAGCAACTCACCCCTCTACATTGGGATCTTGTGGGAATAACCACGATGGGGCTGGCCTGGCCT
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 CCATGGTAGCGGGCATGGCCACCTTCTGCCTAAGTTCCCTGGAACGCCAGTTTTCCATCACAGCCTCCTT
 TGCCAACATGCTCCTGGCTGCCTCACTATCCCTCTGGTCATCGTGGGCATCATGATGGGAGGTGTCTTA
 GTC AAGCGCCTCCACCTGAGCCCGTGCAGTGCAGTGCCTCTGCCTCCTCGGCTCGCTGTTGTGTCTGC
 TCTTCAGCGTGCCGCTCTTCTTCAATTGGCTGCTTACCCATCAAATTGCAGGCATCACACAAGACCTGGG
 TGCCAGCCAGGGCCAAGCCTGTTTCTGGCTGCTCAGAGCCCTGCTCCTGCCAATCAGATGACTTAAAC
 CCTGTTTGTGATACCAGTGCCTATGTGGAGTACACCACACCTGCCATGCAGGCTGCACAGGTGCTGTGCG
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 TCCTGCAGTTTCTGTGAGTGCAGCTGCAGCCGCTGGTGTGCCCTTCTTGTCTGTTACGCTGGGG
 GCGGGACTGGCCAGCATACCCACACACCTTCTTTCATGCTCATCCTGAGAGGTGTGAAGAAAGAAGATA
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 TACGACATGACCTGCTCCGAAACCGATTATAGGCTCCAGTCTTCTTCAAAGTGGATCCCTGGTGT
 GCTTTACCTTAGTTTTGGCCATCTTGGGCAACAGAGCAGAGAGGCCAGCACCAGGACTGTAAGAG
 CTCGGAACTACAACAGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- 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:** [NM_175316.3](#), [NP_780525.1](#)
- RefSeq Size:** 4381 bp
- RefSeq ORF:** 2052 bp
- Locus ID:** 101488
- UniProt ID:** [Q8BXB6](#)
- Cytogenetics:** 7 E1
- MW:** 75 kDa
- Gene Summary:** Mediates the Na(+)-independent transport of organic anions such as taurocholate, the prostaglandins PGD2, PGE1, PGE2, leukotriene C4, thromboxane B2 and iloprost. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210021