

Product datasheet for **MC217260**

Slc19a1 (NM_031196) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc19a1 (NM_031196) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc19a1
Synonyms:	AI323572; RFC; RFC-1; RFC1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217260 representing NM_031196
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGCCCACTGGCCAGGTGGCAGAAAAGCAGGCATACGAAGAGCCAGGCAGGACCACGAACTGAAAT
 CCTGGCGATGCCTGGTGTCTATCTCTGCTTCTTCGGCTTCATGGCCAGTTGCGTCCTGGGAAAAGCTT
 CATCACACCCCTTCTCCTGGAACGTAAATTACCAAGGAGCAGGTGACTAACGAGATCATTCCGATGCTG
 CCCTACTCCCACCTGGCTGTGCTGGTCCCGGTCTTCTGCTCACCAGCTACCTGCGATACAAGCCAGTCT
 TGGTCTCGCAGTGCCTGAGCTTCGTGTGCGTGTGGCTGTTGCTGCTGCTGGGCACATCTGCTGCACAT
 GCAACTCATGGAAGTCTTCTACAGCGTCACCATGGCGGCCCGCATCGCTACTCCTCATATTTCTCC
 CTGGTGCACCCCTCCCGTACCAGCGCATGGCCAGCTACTCACGGGCGGCAGTACTGCTGGGAGTCTTCA
 TCAGCTCTGTGTTGGGCCAGGCGCTGGTACCCTAGGACATATAAGCACCTATACTCACTCACTGTGTCTC
 CCTGGGCTTCATCTCTTACGCCTGGTCTCTCCCTCTTCTAAAGCGCCCTAAGCGGAGCCTCTTTTTC
 AACCGCAGTACGCTTGCAGCGTGGAGCCTTGCCCTGTGAGCTGGATCAGATGCACCCGGGGCTGACCGGC
 CAGAAAACCAGGAACTAGATCGCATGCTGGCACTTGCAGGGACTCCTTCTGGTGCGCATGCTAAGTGA
 ACTGGTGGAAAATGCTCGGCAACCACAGCTGCGTCTCTGGTGCCTCTGGTGGTCTTCAACTCTTCAGGC
 TACTACCTGATCACCTACTATGTGCATGCTCTGTGGAGAAGCACTGACAGCAGCCTCAGTACAATGGCG
 CCGTAGATGCCGCTCCACACTGCTGAGCGCCATCACGTCCTTCTCCGCCGGCTTCTGAGCATCCGCTG
 GACTCTGTGGTCCAAGCTGGTCAATCGCAGGTGTGATCGCCATCCAGGCCAGCCTGGTTTTCTGTATGTC
 CAGATCCGGGACATCTGGGTGTGCTACGTGACCTTTGTGCTTTCCGTGGGGCTACCAGTTCCTTGTGC
 CCATTGCCACTTTTCAGATTGCGTCTTCCCTGTCTAAAGAGCTCTGTGCATTGGTCTTTGGGATCAACAC
 TTTCTAGCTACTGCGCTTAAGACCTGTATCACACTTGTGGTCTCTGACAAGCGGGTCTGGGTCTCCAA
 GTCCGTGATCAGTTCGTATCTACTTCATATACTTCTGATGCTGTCTATCACCTGCTTTGCCTGGGCGG
 GGCTGGATGGCTTAAGTACTGCCAGCGTGGTCCGCCACCAGCCCTGGCCAGGCCAGGAGCTGAGGAG
 TCCCTTGGAGACTTCTGTGCAAGCGATAAGCCTACAGGATGGAGACCTAAGGGGACCGCAGCCCTCAGCG
 CCACAGCTGCTCTCAGAGGATGGCATGGAGGACGACAGGGGAGACTTAAGAGTCAAGCCAAGGCT**TGA**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031196

Insert Size: 1539 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.

RefSeq: [NM_031196.3](#), [NP_112473.1](#)

RefSeq Size: 2354 bp

RefSeq ORF: 1539 bp

Locus ID: 20509

UniProt ID: [P41438](#)

Cytogenetics: 10 39.72 cM

Gene Summary: Transporter for the intake of folate, reduced folates and methotrexate.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer and more frequently occurring transcript. Variants 1 and 2 encode the same protein.