

Product datasheet for **MC218819**

Slc22a3 (NM_011395) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a3 (NM_011395) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a3
Synonyms:	EMT; Oct3; Orct3; Slca22a3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC218819 representing NM_011395
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACGTTTCGACCAGGCACTGAGGAAGGCGGCGAGTTCGGGCGCTCCAGCGGCGCGTGTTCCTGC
 TGCTGTGCCTGACGGGTGTACCTTCGCCCTCCTCTTCGTCGGTGTGGTCTTCCTGGGCAGCCAGCCCGA
 CTAATAATTGGTGTGCGGGCCGCGGCCACCGCGCTGGCCGAGCGCTGCGCCTGGAGCCCGAGGAGGAG
 TGGAACTCACCACACCGGAGCTCCACGTCCCAGCTGAGCGCCGCGGCCAAGGCCACTGCCACCGTACC
 TGCTGGAAGCCACTAATACCAGCTCAGAGCTCAGCTGCGACCCACTACTGCCTTCCCAACCGCTCCGC
 GCCTCTGGTGTCTGCAGCGGTGACTGGCGCTATGTGGAGACCCACTCTACCATCGTCAGCCAGTTTGAC
 CTTGTCTGCAGCAATGCCTGGATGTTGGACCTCACCAAGCCATCCTGAACCTTGGCTTCTGGCTGGGG
 CTTTTACCTTGGCTATGCAGCGGACAGATATGCGAGGCTCATCATTTACTTAATATCCTGTTTCGGCGT
 TGGCATCACAGGAGTCGTGGTGGCATTTCGCCAAATTTTCTGTGTTTGTGATTTCCGCTTCTACAA
 GGAGTGTGGAAAGGGGCGCTGGATGACTTGGCTTCGTGATCGTGACAGAAATAGTTGGTTCAAAACAAA
 GGAGGATTGTGGGAATCGTGATCCAGATGTTCTTACCCTCGGGATCATTATTCTTCTGGGATTGCCTA
 CTTACGCCCAGCTGGCAGGGCATCCAGCTAGCCATCTCTGCCCAGCTTCTCTTCTCTCTATTAC
 TGGGTGGTCCCTGAGTCTCCCGCTGGCTGATCACCCGGAAGCAAGGAGAGAAAGCCTTGCAGATCCTGA
 GCGCGTGGCTAAGTGAATGGAAAACCTCTCATCAAATTACTCAGAGATCACAGTTACAGATGAAGA
 AGTCAGTAACCCATCCTGTTTAGACCTTGTGAGAACTCCCAAAATGAGGAAATGCACGCTCATCCTTATG
 TTTGCTTGGTTCACGAGCGCCGTTGGTGTACCAAGGACTTGTATGCGCCTGGGACTTATCGGAGGCAACC
 TCTACATAGACTTCTTTATCTCTGGGCTGTGGAGCTGCCCGGAGCTCTTTAATCCTTCTGACCATGA
 GCGCCTTGGACGACGCTTCCCTTTGCGGCAAGCAATATAGTGGCAGGGGTGTCGTGCTGGTCACTGCA
 TTTTTACCAGAAGGGATACCGTGGCTGAGGACCACAGTCGCTACCCTGGGAAGACTAGGAATAACCATGG
 CCTTCGAAATTGTTTATTTGGTAAATTCAGAGTTGTACCCAACGACATTACGGAACCTTGGGGTTTCACT
 CTGCTCAGGCTTGTGACTTTGGGGGATTATAGCCCGTTTCTGCTTTTCGGCTGGCAGCTATATGG
 TTAGAAGTGCCTCTGATCATCTTTGGGATCCTGGCGTCTGTCTGTGGTGGCCTCGTGATGCTTTGCCTG
 AAACGAAGGGCATTGCCTTGGCGGAGACGGTGAAGACGTAGAAAAGCTTGGCAGTTCACAGTTGCATCA
 GTGTGGCAGAAAAAGAAAACCCAGTTTCTACTTCTGATGTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_011395

Insert Size: 1656 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_011395.2](#), [NP_035525.1](#)

RefSeq Size: 3501 bp

RefSeq ORF: 1656 bp

Locus ID: 20519

UniProt ID: [Q9WTW5](#)

Cytogenetics: 17 8.52 cM

Gene Summary: Mediates potential-dependent transport of a variety of organic cations. May play a significant role in the disposition of cationic neurotoxins and neurotransmitters in the brain.
[UniProtKB/Swiss-Prot Function]