

Product datasheet for **MC217578**

Slc18a3 (NM_021712) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc18a3 (NM_021712) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc18a3
Synonyms:	VACHT; VAT
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217578 representing NM_021712
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAACCCACCGGCCAACCGGTGAGCCCGGGCGGCCACCAAGCTGTCGGAAGCAGTGGGAGCCG
 CGCTACAAGAGCCCAGAGGCAGCGCGCCTGGTCTGGTCATCGTGTGGTTGCACTGTTACTGGACAA
 CATGTTGTACATGGTCATCGTGCCATTGTTCCCGACTATATCGCTCACATGCGCGGGGAGCAGGAGAGC
 CCTACCCTGATCTCTGAGGTGTGGGAACCCACCCTGCCGCGCCCACTCTGGCTAATGCCAGCGCCTACT
 TGGCCAACACCTCGGCGTCCCGACGGCTGCCGGTGGCTCGGTCAATCCTGCGGCTCGCTACCCAC
 AGAAAGTGAAGATGTGAAGATAGGCGTGTATTTGCCTCCAAGGCCATCTGCAGCTTCTGGTGAACCC
 TTAAGCGGCCTTTCATTGATCGCATGAGCTACGACGTGCCGTGCTTATTGGCTGGGCGTCATGTTCC
 CCTCCACAGTCATGTTTGCCTTTGCAGAAGACTATGCCACGCTCTTCGCTGCGCGCAGTCTACAAGCCT
 GGGCTCAGCCTTCGCGGACAGCTTGGCATTGCCATGATCGCCGACAAGTATCCCGAGGAGCCTGAGCGC
 AGTCGTGCTCTGGGCGTGGCGCTAGCCTTCATCAGCTTTGGAAGCCTAGTGGCGCCACCGTTTGGGGCA
 TCCTCTACGAGTTCGCGGCAAGCGTGTACCCTTCTAGTGCTCGCCGCCGTGTCGCTCTTCGACGCACT
 CCTACTCCTGGCGGTGGCTAAGCCTTCTCAGTGCAGCTCGGGCGGGCCAACTGCCCGTGGGCACA
 CCTATCCATCGCCTCATGCTAGACCCTTACATCGCTGTTGTAGCCGGAGCGCTCACAACTTGAACATTC
 CCCTTGGGTTTCTCGAGCCACCATAGCCACGTGGATGAAGCACACAATGGCGGCATCCGAGTGGGAGAT
 GGGCATGGTTGGCTGCCGGCTTTCGTGCCACAGTGTAGGCGTCTATCTACCGTGCCTTAGCGGGC
 CGCTATCCACACCTGCAGTGGCTGTATGGCGCTCTCGGGCTAGCGGTAATCGAGTGAGCTTTGGCTG
 TACTGCCTGCCGATCCTTCGCGCCCTTAGTGGTCTCGCTCTCGGCGCTGCTTCCGGCTCGCTTGGT
 GGACACGGCGCTCCTACCACGCTCGCCTTTCTGGTGGACGTGCCACAGTATCAGTCTATGGCAGTGTC
 TATGCCATAGCTGACATCTCCTATTCTGTGGCCTACGCTCTCGGGCCATAGTAGCAGGCCATATCGTTC
 ACTCACTTGGCTTTGAGCAGCTCAGCCTTGGCATGGCCTGGCCAACTGCTCTACGCACCGGTCTATT
 GCTCTTGGTAATGTGGGCTCCTTACACGCTCGGTTCCGAGCGGATGTGCTGCTTGTGAACCGCCG
 CAGGGTCTGTACGACGCGATGCGCCTGCGTGAGGTGCAGGGCAAGGACGGCGGTGAACCTTGTAGCCCG
 CTGGCCCTTTTGTAGGCTGTGAGGACGACTACAATACTACTCCCGCAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_021712

Insert Size: 1593 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_021712.2](#), [NP_068358.2](#)

RefSeq Size: 2414 bp

RefSeq ORF: 1593 bp

Locus ID: 20508

Cytogenetics: 14 19.4 cM