

## Product datasheet for **MC218753**

### **Slc17a3 (NM\_001164743) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc17a3 (NM_001164743) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc17a3
Synonyms:	AW261723; Npt4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218753 representing NM\_001164743  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGCTATGGAATCGCCTTCGTCACACATTTCTGCAATTCACACTGATGGCGCAGAATCTATTATAA  
 GCATCACCATGGTAGCAATGGTCAACAACACCGACCACCCACCCACCTCAATAGCTCTACTGAACAGCT  
 TCTGCGGGTTTAAAGCGGTGATCAGCATGAAGCCTCAAAGCATCTTCTATAAAGCCCTGTGTATAAC  
 TGGAGTCTCAAACCTCAAGGAATCATCTTCAGCTCTGTCCAGTATGGCATGATACTGATGAAGTCCCTG  
 GAGGATACTTGGCAGGAAAATAGGAACAAGAAAGTGGTTGGAATTGCTCTGCTGGATCTTCATTACT  
 CACTCTCTGCATCCCACTGGCTGCCAATCTTGGACTAGTTTTTTCTGGCAACTCGAGCAGTCAAGGC  
 TTAATGCAGGGCACTGGATATGGGGGACAGTTGCACTCTGCCAGAAATGGGCTCCTCCGAATGAGCGCA  
 GCCGACTCTGCACCATTGCCTTGTGAGGAATGACATTGGGAATCTTACTGTCTCCTTGTGGCGGCAT  
 CATTAGTGAAGCCCTTGGGTGGCCCTTTGTCTTATAGTTTTGGAGGTGGTGGTGTCTCTGCAGCCTT  
 CTCTGGTTCATTCTGATTATGATGACCCTGTCTCTACCCATGGATAAGTGGCCAGAAAAGAGAATATA  
 TTTTATCCTCTCTGAACCAACAGTTCAGCTCAGAAGAGCAGCCACTTCCCATCAAAGCTATGCTCAAATC  
 TCTGCCTCTCTGGTCCATGTGTCTCTGCACTATGACCCATCAGTGGCTTGTAAACACCTTATAATGTAC  
 ACTCCAACCTACATCAGTCTGTATTCAAAGTTAACATCAGAGACAATGGGTTCTGTCTTCTTCCCT  
 TTATTGTTGCCTGGTCTTGGTATCCTGGGAGGCTGGCTGGCAGATTTTCTACTGAGCAAGAATTTAG  
 GCTCATAACTGTGAGAAAATTCACACTTTTAGGAAATGCTCCTCCTGCAGCCCTCGTTGCGGCTCTG  
 CCCTATATCCAATCCAGCTATATTACAACAATTATTTCTGACAATTTCTGTGGACTGTGCCCTCTAT  
 CTCAGGCAGGAATCTATATTAATGCGTTAGACATTGCTCCAAGGTATGCCAGCTTCTCATGGGAACATC  
 AAGAGGATTGGCACATTATCGGCTGTGCTGGTACCCATTGTTGCTGGCTTTTCTCAGCCAGGACTCT  
 GAATTCGGGTGGAGGAATTTCTTTTTGTAGTGTTCAGTTAACCTACTTGGCTTAATCATCTACCTCG  
 TGTTTGGAAAGCAGATGTTCAAGAATGGGCTAGAGAGAGGAAGCTCACTCGTTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001164743

**Insert Size:** 1389 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\_001164743.1, NP\_001158215.1  
RefSeq Size: 4152 bp  
RefSeq ORF: 1389 bp  
Locus ID: 105355  
Cytogenetics: 13 A3.1