

Product datasheet for **MC219784**

Slc6a6 (NM_009320) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a6 (NM_009320) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a6
Synonyms:	AA589629; C80501; Taut
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219784 representing NM_009320
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACGAAGGAGAAGCTGCAATGTCTGAAAGACTTCCACAAAGACATCCTGAAGCCTTCTCCAGGGA
 AGAGCCCAGGCACACGGCCTGAAGATGAGGCGGACGGGAAGCCCCTCAGAGGGAGAAGTGGTCCAGCAA
 GATCGACTTTGTGCTGTCTGTGGCCGGAGGCTTCGTGGTGGTGGCAACGCTCGCGTTCCTCCGTACCTC
 TGCTACAAAAATGGTGGAGGTGCGTTTCTCATACCGTATTTTATTTTCTGTTTGGGAGCGGCCTGCCTG
 TGTTTTTCTTGGAGGTCATCATAGGCCAGTACACATCAGAAGGGGGCATCACCTGCTGGGAGAAGATCTG
 TCCTTTGTTCTCTGGCATTGGCTACGCATCCATCGTCATTGTGTCCCTCCTGAACGTGTACTACATCGTC
 ATCCTGGCCTGGCCACATACTACCTATTCACCTTTCCAGAAGGATCTTCCCTGGGCCACTGCAACC
 ATAGCTGGAACACACCACAGTGCATGGAGGACACCCTGCGTAGGAACGAGAGTCACTGGGTCTCCCTTAG
 CACTGCCAACTTACCTACCCGTCATCGAGTTCTGGGAGCGCAATGTGCTCAGCCTGCCTCCGGAATC
 GACAACCCAGGCAGTCTGAAATGGGACCTCGCGCTCTGCCTCCTTAGTCTGGCTCGTCTGTTTTTTCT
 GCATCTGGAAGGGTGTTCGATCCACAGGCAAGTTGTCTACTTACCCTACTTTCCCGTTTGCCATGCT
 TCTGGTGTGCTGGTCCGTGGACTGACCCTGCCAGGTGCTGGTGAAGGCATCAAATTCTACCTGTACCCT
 GACATCAGCCGCCTTGGGGACCCACAGGTGTGGATCGACGCTGGAACAGATATCTTTTCTACGCAA
 TCTGCCTGGGGCCATGACCTCACTGGGAAGCTATAACAAGTACAAGTAACTCGTACAGGGACTGTAT
 GCTGCTGGGATGCCTGAACAGTGGTACCAGTTTGTGTCTGGCTTCGCAATTTTCCATCCTGGGCTTC
 ATGGCACAAAGAGCAAGGGGTGGACATTGCTGATGTGGCTGAGTCAGGTCCTGGCTTGGCCTCATTGCCT
 ACCCAAAAGCTGAACCATGATGCCGCTGCCACCTTTTGGTCTATTCTGTTTTTTCATTATGCTCCTCTT
 GCTTGGACTGGACAGCCAGTTTGTGAAGTCGAAGGACAGATCACATCCTTGGTTGATCTTTACCCGTCC
 TTCTTAAGGAAGGGTTATCGTCGGGAAATCTTCATAGCCATCTTGTGTAGCATCAGCTACCTGCTGGGGC
 TGACGATGGTGACGGAGGGTGGCATGTATGTGTTCAACTCTTTGACTACTATGCAGCTAGTGGTGTATG
 CCTTTTGTGGTTGCATTCTTTGAATGTTTTGTTATTGCCTGGATATATGGCGGTGATAACTTATATGAC
 GGTATTGAGGACATGATTGGCTATCGGCCTGGCCCTGGATGAAGTACAGCTGGGCTGTCATCACTCCAG
 CTCTTTGTGTTGGATGTTTCGCTTCTCGCTTGTCAAGTATGTACCCCTGACCTACAACAAAGTGTACCG
 GTACCCGATTGGCAATTGGGCTGGGCTGGGGCCTGGCCCTTCTCCATGCTGTGTATCCCTTGGTC
 ATTGTCATCCTCCTGCGCGACGGAGGGACCGCTCCGCTGAGAATCAAATACCTGATAACCCCGAGGG
 AGCCCAACCGCTGGGCTGTGGAGCGTGAAGGGCCACACCCTTTACTCCCGAGTAACCCTCATGAACGG
 CGCACTCATGAAACCCAGTCACGTCATTGTGGAGACCATGATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_009320
- Insert Size:** 1866 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_009320.4](#), [NP_033346.2](#)

RefSeq Size: 6169 bp

RefSeq ORF: 1866 bp

Locus ID: 21366

UniProt ID: [O35316](#)

Cytogenetics: 6 40.73 cM

Gene Summary: Sodium-dependent taurine and beta-alanine transporter. Chloride ions are necessary for optimal uptake.[UniProtKB/Swiss-Prot Function]