

Product datasheet for **MC219486**

Slc6a1 (NM_178703) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a1 (NM_178703) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a1
Synonyms:	A730043E01; GABATHG; GABATR; Gabt; Gabt1; GAT-1; Gat1; XT-1; Xtrp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219486 representing NM_178703
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACTGACAACAGCAAGGTGGCTGATGGGCAGATCTCTACTGAGGTGAGCGAGGCCCTGTGGCCA
 GCGACAAGCCCAAACCCCTGGTAGTCAAGGTGCAGAAGAAGGCCGGGACCTCCCTGACCGGACACATG
 GAAGGGACGCTTCGACTTCTCATGTCCTGCGTGGGCTATGCCATCGGCCTGGGCAATGTGTGGAGGTT
 CCTTACCTCTGTGGGAAAAACGGTGGCGGGCCTTCTAATCCCATATTTCTGACGCTCATCTTTGCGG
 GTGTTCTCTCTTCTTTGGAGTGCTCCCTAGGCCAGTACACCTCCATTGGGGGCTGGGCGTATGGAA
 GCTGGCGCCCATGTTCAAGGGTGTGGGCTCGCGGCAGCTGTGCTGTCTTCTGGCTGAACATCTACTAC
 ATCGTCATCATCTCTGGGCCATCTACTACCTGTACAACCTCTTACCACGACCCTGCCATGGAAACAGT
 GTGACAACCCGTGGAACACTGACCGCTGCTTCTCAACTACAGCCTGGTCAATACCACCAACATGACCAG
 CGCTGGTGGAGTTCTGGGAGCGCAACATGCACCAGATGACAGATGGACTGGACAAGCCAGGACAGATC
 CGCTGGCCTCTGGCCATCACACTGGCCATTGCCTGGGTGCTCGTGTATTTCTGCATCTGGAAGGGTGTG
 GTTGGACTGGAAAGGTGGTCTACTTCTCAGCCACGTACCCTACATCATGCTTATCATCCTGTTCTCCG
 TGGAGTGACGCTTCCCGGGGCAAGGAGGGGATCCTCTTCTACATCACACCAACTTCCGAAAGCTGTCT
 GATTCTGAGGTGTGGCTTGACGCCGCCACCCAGATCTTCTTCTCTACGGGCTGGGCTGGGGTCCCTGA
 TTGCTCTGGGAAGCTACAACCTTTCCACAACAATGTGTACAGGGACTCCATCATGTTTGTGCATCAA
 CTCCTGCACCAGCATGTTTGGCGGATTCGTCATCTTCTCCATCGTGGGCTTCATGGCTCATGTACCAAG
 AGGTCCATAGCTGATGTGGCAGCCTCAGGCCGGGGCTGGCATTCTTGGCGTACCCTGAGGCTGTGACAC
 AGCTACCCATCTCTCCCCTCTGGGCTATCCTCTTCTTCTCCATGCTGCTGATGCTGGCATTGACAGCCA
 GTTCTGTACCGTGGAGGGCTTCATCACTGCCCTGGTGGACGAGTACCCAGACTTCTCCGAATCGCCGT
 GAACTTTCATTGCTGCCGTGTGCATCGTGCCTACCTGATTGGCCTGTCTAACATCACCCAGGGTGGCA
 TTTATGTCTTCAAACCTGTTTATTACTCTGCCAGCGCATGAGCTTGTCTGTTCTGTTTCTTCTCGA
 GTGTGTCTCCATTTCTGGTTTTATGGTGTCAACCGTTCATGACAACATCCAGGAGATGGTTGGCTCC
 AGGCCCTGCATCTGGTGGAAAGCTGTGCTGGTCTTTTTACACCCATCATTGTGGCGGGCGTGTCTCT
 TCAGTGTGTGCAGATGACACCACTCACCATGGGAAGCTATGTTTTCCCAAGTGGGGCCAGGGCGTGGG
 CTGGCTCATGGCTCTGTCTCCATGGTGTCTATCCCCGGGTACATGGCTTACATGTTCTCACCCCTGAAG
 GGCTCCCTGAAGCAGCTCTCCAGGTATGATTACAGCCAGTGAAGATATTGTGCCCTGAGAATGGCC
 CTGAGCAGCCGAGGCTGGCAGCTCAGCCAGCAAGGAGGCTACATC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_178703
- Insert Size:** 1800 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_178703.4](#), [NP_848818.1](#)

RefSeq Size: 4318 bp

RefSeq ORF: 1800 bp

Locus ID: 232333

UniProt ID: [P31648](#)

Cytogenetics: 6 E3

Gene Summary: Terminates the action of GABA by its high affinity sodium-dependent reuptake into presynaptic terminals.[UniProtKB/Swiss-Prot Function]