

Product datasheet for **MC202983**

Slc6a12 (NM_133661) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a12 (NM_133661) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a12
Synonyms:	BGT1; Gabt2; GAT-2; GAT2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019211
 CCACGCGTCCGGAGGCCGGGTTGCTGTTATTCACAGCGTACTGAAGATCTAGACAGAAGGGCCAGCTGGA
 GTGGTGGCCGGCTATAAAGATCAAAGAGAGCCGAGCTATAATGGGGTTTTAATCACAGCTCTACCCCTG
 GGTGGTCTGGGCAAGTCTCTGGCCCTGAAAACCTGCTCTTTCTGTTGCTTTGTCTGCCGAAGACTTGG
 CAAGCTGAGCTCTGCTTTCGGTTGGCTCAGCCTCATAACTCTGAGAGCAGAGTGTCACTTTAGATAGAAA
 TGTTCATCAAGAGCTTGGGAAGAAAGGGCCTCCCTATCCAGTATGGACAGGAAGGTTGCAGTCCATGAAGA
 TGGCTATCCTGTGGTCTCTTGGGTCCTGAGGAAGGAGAGATGATGGACCAGAAAGGCAAGGACCAGGTG
 AAGGATCGTGGCCAATGGACCAACAAGATGGAGTTTGTGCTGTCAGTGGCTGGAGAGATCATTGGCTTAG
 GCAACGCTCGGAGGTTTCCCTATCTCTGTACAAGAATGGAGGTGGAGCTTTCTTCATCCCTACTTCAT
 CTTCTTCTCAGCTGTGGCATCCAGTGTCTTCTCTGGAGGTGGCACTGGGCCAGTATAGCAGCCAGGGG
 AGTGTGACTGCTTGGAGGAAGATCTGTCCCTCTCCAAGGCATTGGCATGGCCTCTGTGGTTCATCGAGT
 CTTATTTGAACATCTACTACATTATCATCTTGCCTGGGCTCTCTTCTACCTGTTTCAGCTCCTTCACCTG
 GGAGCTTCCCTGGACAACCTGCACCAACTCGTGAACACAGAGCACTGCGTGGACTTTCTGAATCACTCA
 TCGGCCAGAGGAGTGTGCTCTTCTGAGAACTTTACCTCGCCTGTCATGGAATTCTGGGAGAGACGGGTTT
 TGGGTATTACATCGGGCATCCACGACCTGGGGTCCCTGCGTTGGGAGCTGGCCTTGTGCCTCCTGCTTGC
 CTGGATTATCTGCTACTTCTGCATCTGGAAGGGGTCAAGTCCACAGGCAAGGTTGTTACTTCACAGCC
 ACTTTTCCCTACCTGATGCTGATTATTCTTCTGATCCGGGTGTCAACCCTTCTGGAGCCTACCAGGGCA
 TCGTCTTCTACCTGAAGCCAGACTTGTCCGTCTCAAGGACCCCAAGGTGTGGATGGATGCGGGCACCCA
 GATCTTCTTTTCCCTTGGCATCTGCCAGGGGTGCCTGACAGCCCTGGGCAGCTACAACAAGTACCACAAC
 AACTGCTACAGGGACTCCATCGCCCTCTGCTTCTGAACAGTGTACCAGCTTCTGGTGGGTTTGTG
 TCTTCTCCATCTTGGGCTCATGTCTCAGGAGCAGGGAATACCCATTTCTGAAGTGGTGTGAGTCAAGTCC
 TGGGCTGGCCTTATTGCCTTCCCAAAGCTGTACCATGATGCCTTTGTCCAGCTGTGGTCTCTGCCTC
 TTCTTCATCATGCTCTGTTTCTAGGGCTGGACAGCCAGTTCGTCTGTATGGAGTGCCTGGTACCCTGTT
 CCATGGATATGTTCCCTCAGCAGCTCCGAAAGAGTGGCCGGGAGCTGCTGATCCTCGCTATCTCTGT
 TTTGTGCTACTTGTGGGCTCCTTTTGGTCCAGAGGGCGGATGTATATCTTCCAGCTCTTTGACTAC
 TACGCTCCAGCGGCATATGCCTACTCTTCTCTCTTGTGGTGTGATCTGCATTGGCTGGGTGTATG
 GGGCCGACCGTTTCTATGACAACGTGGAAGACATGATTGGCTATCGGCCATGGCCCTTGGTGAAGATCTC
 CTGGCTCTTCTGACTCCTGGCCTTTCCTGGCCACTTTCTTCTCTCTTGGCAAGTATACACCTCTC
 AAATAACAATGTCTACATGTATCCTTCTTGGGATACTCCATTGGATGGCTCTGGCTTTCTCCTCCA
 TGGCCTGTGTCCACTCTTATCATCATCACTTCTTGAAGACCCAGGGCTCCTTCAAGAAGCGTCTTCG
 AAGACTCATCACACCAGACCCAGTCTGCCCCAGCCAGGGCGGGCCACCACAGGATGGCTCCTCTGCT
 CAAAAGTTCGCTCTCCAGCCAAACAAGAAGTCAATGCTGGGAGAAAGGAGACTCATTGTAGGAAG
 TGCCAGAGGCCAGGTGACTCCAGAGCCAGGAACCTGGTCAAGGCTAGCTCCTCCAGGGGTAACTCTGC
 TGCACCCTGCTGTGACCTCTCAGGTCTCCGGACACCCCTGCCAGTCTTCTGGGAGCCACTTCTGTTCA
 GCTGGAACAGCTTGTACCTCTCAGTCTTTCAGTGTGAGCTCTAGGAAGCTGAGTCTGCCAAGTGT
 GAACTCAACATCTTACTTTCTGGATTAATAAAGTAAAGAACAGACAGGCAAGTATTTTCAAGGTC
 ACACAGCTGTGAGCCCTAGACCTTCTTGAAGTGTGCTCTCAGCTGAGGCGTGTGAGCCTCCAGC
 ATCACCCCTGCAGCAGCTAACAAGCCTGCATGGATCACCTGCTGTGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133661

Insert Size: 1887 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: [BC019211](#), [AAH19211](#)

RefSeq Size: 2582 bp

RefSeq ORF: 1887 bp

Locus ID: 14411

Cytogenetics: 6 F1