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Product datasheet for MC201028

Slc6a9 (NM_008135) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a9 (NM_008135) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a9
Synonyms:	Glyt-1; Glyt1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC021828 sequence for NM_008135
CGCGGTGCGGACCCAGCACGCCTGGGCCGGGGGCAGCAGTATGCTCTTGAGGCCTGTTGTCTGAAAGGCA
CTGAACGCAAGAGTCTGCAAGTGTGGTCCAGATCTCCAGATCCCCCAACCCACTGCCACCATGGTAGGAA
AAGGTGCCAAAGGGATGTTGAATGGTGCTGTGCCCAGCGAGGCCACCAAGAAGGACCAGAACCTCACACG
GGGCAACTGGGGCAACCAGATCGAGTTTGTACTGACGAGCGTGGGCTATGCCGTGGGCCTGGGCAATGTC
TGGCGTTTCCCATACCTCTGCTATCGCAACGGGGGAGGAGCCTTCATGTTCCCCTACTTCATCATGCTGA
TCTTCTGCGGGATTCCTCTCTTCTTCATGGAGCTTTCCTTCGGCCAGTTTGCAAGCCAGGGCTGCCTGGG
GGTCTGGCGGATCAGCCCCATGTTCAAAGGCGTGGGCTATGGTATGATGGTGGTGTCCACATACATTGGC
ATCTACTACAACGTGGTCATCTGCATCGCCTTCTACTACTTCTTCTCGTCCATGACGCACGTGCTGCCCT
GGGCGTACTGCAACAACCCCTGGAACACACCTGACTGTGCCGGTGTGCTGGACGCTTCCAACCTCACCAA
TGGCTCCCGGCCCGCTGCCCTGTCTGGCAACCTGTCTCACCTGTTCAACTACACCTTGCAAAGGACCAGC
CCCAGCGAGGAGTACTGGAGGCTGTATGTGCTGAAGCTGTCAGACGACATTGGAAACTTTGGGGAAGTGC
GGCTTCCCCTCCTAGGCTGCCTCGGCGTCTCCTGGGTGGTTGTCTTCCTCTGTCTCATCCGAGGAGTCAA
GTCTTCAGGGAAAGTGGTGTACTTCACGGCCACATTCCCCTATGTGGTGCTGACCATTCTGTTTGTTCGT
GGAGTGACCCTGGAAGGAGCCTTCACGGGTATCATGTACTACCTGACCCCACAATGGGACAAGATCCTGG
AGGCCAAGGTCTGGGGGGATGCAGCCTCTCAGATCTTCTATTCCCTGGGCTGTGCATGGGGTGGCCTCAT
CACCATGGCGTCCTACAACAAATTTCACAACAACTGCTACCGGGACAGCGTCATTATCAGTATCACCAAC
TGTGCTACCAGCGTCTACGCCGGCTTCGTCATCTTCTCCATCCTGGGCTTCATGGCCAATCACCTGGGTG
TGGATGTGTCTCGGGTGGCAGACCATGGGCCTGGGCTAGCTTTTGTCGCTTACCCTGAGGCTCTCACGCT
GCTTCCCATCTCTCCACTCTGGTCCTTATTGTTTTTCTTCATGCTCATCTTGCTGGGGCTGGGTACTCAG
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AGACCTACGTGACCTTGGGCGTCGCTGTGGCTGGCTTCTTGCTGGGCATCCCCCTTACCAGCCAGGCAGG
CATCTACTGGCTGCTGCTGATGGACAACTATGCAGCCAGCTTCTCCTTGGTTGTCATCTCCTGTATCATG
TGTGTATCCATCATGTACATCTATGGGCACCGTAACTACTTCCAGGACATCCAGATGATGCTAGGATTTC
CCCCGCCTCTCTTCTTCCAGATCTGTTGGCGCTTTGTTTCTCCGGCTATCATCTTTTTCATTCTCATCTT
CACGGTGATCCAGTACCGGCCAATCACCTACAACCACTACCAGTACCCAGGCTGGGCTGTGGCCATCGGC
TTCCTCATGGCTTTGTCGTCTGTCATCTGCATCCCACTGTACGCGCTGTTCCAGCTCTGCCGCACAGATG
GGGACACACTTCTTCAGCGTTTGAAAAATGCCACAAAGCCAAGCAGAGACTGGGGCCCCGCTCTCCTGGA
GCACCGGACTGGGCGCTACGCTCCCACTACAACCCCCTCTCCCGAAGACGGGTTTGAGGTCCAGCCACTG
CACCCGGACAAGGCCCAGATTCCCATCGTGGGCAGTAACGGCTCCAGCCGCTTCCAGGACTCCCGGATAT
GAGCGCAATTGTTGCAAGGGGAGAAACCCCACCCAACCCTTGCTCCCACCACGGAGACTGGGAGGCGGAC
AGGTGGAGGCCTGCCCCATCACACCCTGTCTGGGATGGCTGCTGTCACCTTGACCACCACTGCTCATGTC
CCCAGTGTTTACACATCCTTTGGATGCCAAGACAGCAGCTGGGGGTGGGAAAGCGATGGGGGAATTGGGG
GGAGCGGGCATGGGGAAGCAGTGTCCAAAGCACTTTGGAGGAGGCCTGCCAGGCTTCCTATGGCCTCTGA
TACCCTCATGCTCTGCCCTGAGCTGTTTCACTATGGGATAAGAGGTTCTGTGTCCACATCCCACCGGTTC
CCCTCAGCCTCGTGACCAGTGTTCCTGACCCCAGAACAGACCCTAGCCTCTGCCCAGGAAAATCTGTATC
TTCCTCCTCCAGACAAGGTGAGGGCCCCGGGGCTGTACAGTGTTACTTGTTGGACTGCACCACTCAGCCC
TGTTTATTTGTGTAATTATTTTTTTTTTAAATTGTATTACCTGTGGTTGCCATCCCCTGCCCCAGCCTTG
GGTCCAGTGTGTCTTCCAGGCCTGCCTGCACCTCACTTGGCTGCTCCAGGGTCTCTATCCTTTGTTCCAA
CCCTGGTTGTCAGGCCCAGCCAGCAAAGGCCCACGACCCAGCAGCCTGCCCAAAGCACTTGTTTATGGAG
GGAAAGAAGGGGACTTCTCTGTAGGAAGCTTGAGCCCAGAGCCCTGGGGAAGGGGACCCTGTTCCACATT
CCCTTGCCCACCCTCCACCAGGTCGGAGGCCCAGTCTTCCCAGACGTGCTAACCCCATTCAATGTGCCAA
ATGGCCTCAGTCCATGTGCCCGTCCCCCCTCTGCAGTCAGAGCACCTTCTCCCAAGACCCGCAGTCCGTT
TGTCCGTCCTCTGTGCCCTCTGCAGTGACAGCCCTGGCCAAGCCACTTCTAATCCTCTGTAGCAATAACG
GTGTGCCGCCCGCCGCTGCCCAGTGTGTGCAGAACTAGGGTTTTAAAGTCCGTAGGTTTTAATGAAATTT
CTATTCCTGTCTCTGAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008135

Insert Size: 1902 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:	BC021828, AAH21828
RefSeq Size:	3110 bp
RefSeq ORF:	1902 bp
Locus ID:	14664
UniProt ID:	P28571
Cytogenetics:	4 53.62 cM
Gene Summary:	Terminates the action of glycine by its high affinity sodium-dependent reuptake into presynaptic terminals. May play a role in regulation of glycine levels in NMDA receptor-mediated neurotransmission.[UniProtKB/Swiss-Prot Function]