

Product datasheet for **MC221652**

Slc6a5 (NM_148931) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a5 (NM_148931) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a5
Synonyms:	Glyt2; prestin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221652 representing NM_148931
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATAAACAGCCAGCCAACATCTTGGAGGCAGCGGTGCCAGGCCACCGGGATAGTCTCGTGCACCTA
 GGACCAGCCCTGAACAGGATCTTCTGCTGAGGCCCCACGGCCACTGTCCAGCCGCCACGTGTGCCAG
 GTCGGCTTCCACCGCGCCCAAACCTTCCAGTCTGCGGATGCGAGAGCCTGCGAGGCCACGAGTCCGGA
 GTAGGGTTTTGTAATCTCAGCAGCCCCGGGCACAAGCGACTCCGCGGCCCTCCGGGACTTAAGCGAAG
 GGCACAGCGCACAGGCCAATCCCCCTTCCGGGCCCGCGGGGCTGGCAACGCTCTGCACTGCAAGATTCC
 AGCTCTGCGTGGCCGGAGGAGGACGCAACGTGAGTGTGGCAAGGACGCTGGAGCACAACAATACC
 CCAGCCGTGGGCTGGTGAATATGAGCCAGAGCACAGTAGTGTGGGAACCGATGCCATCGCGTCCGTGC
 TCCCGGGCAGCGTGGCCACCCTACCATACCGGAGGACGAGCAAGGGGATGAGAATAAGGCCCGAGGGAA
 CTGGTCCAGCAAACCTGGACTTCATCCTGTCCATGGTGGGTACGCAAGTGGGCTGGGCAATGTTTGGAGG
 TTTCCCTACCTGGCCTTCCAGAACGGGGAGGCGCGTTCCTCATCCCTTACTTGTATGATGCTGGCACTGG
 CTGGCTTACCCATCTTCTTCTAGAGGTGTCCCTGGGCCAGTTTCCAGCCAGGGTCTGTGTCTGTGTG
 GAAGGCCATCCCAGCTCTGCAGGGTGTGGCATTGCGATGCTCATCTCTGTCCCTCATAGCCATATAC
 TACAACGTCATCATCTGCTACACGCTCTTCTACCTGTTTGCCTCCTTCGTGTCTGTGCTGCCCTGGGGT
 CCTGCAACAACCCGTGGAACACACCAGAATGCAAAAGATAAAACCAAACTTTTACTAGATTCTGTGTTAT
 CGGTGACCATCCAAGATACAGATCAAGAACTCTACTTTCTGCATGACTGCCTATCCGAACCTTGACAATG
 GTAACTTACCAGCCAGACCAATAAGACATTTGTGAGCGGGAGTGAAGAGTACTCAAGTATTTTGGC
 TGAAGATTTCTGCAGGGATTGAATATCCGGGTGAGATCCGGTGGCCCTTGGCCTTCTGCCTTTCTTGGC
 TTGGGTGATTGTGTACGCATCACTGGCGAAAGGAATTAAGTCATCAGGAAAAGTAGTCTACTTCCAGCC
 ACATTCCTTATGTGCTCCTGGTCATCCTCTTATTGAGGAGTACCCTGCCTGGAGCTGGAGCCGGCA
 TCTGGTACTTCATCACACCTAAGTGGGAAAACTCACGGATGCCACGGTATGGAAGGATGCGGCCACTCA
 GATTTTCTTCCCTGTCTGCGGCTGGGGAGGGCTCATCACTCTTTCTTCTTACAACAAATCCACAAC
 AACTGCTACAGGGATACGTTAATTGTAACCTGCACTAACAGTCCACTAGCATCTTTGCTGGGTTTGTCA
 TCTTCTGTGTCATCGGCTTCATGGCCAACGAGCGCAAAGTCAACATTGAGAATGTGGCCGACCAAGGGCC
 TGGCATTGCATTTGTGGTTTACCCTGAGGCCTTAACTAGGCTGCCTCTCTCCATTCTGGGCCATCATC
 TTTTTTCTGATGCTTCTCAGCTTGGACTCGACACCATGTTTCCACCATTGAGACCATCGTGACCTCCA
 TCTCGGATGAGTTTCCCAAGTACCTGCGCACACACAAGCCTGTGTTACCCCTGGGCTGCTGCATCTGCTT
 CTTCAATTATGGGCTTCCCTATGATCACACAGGGTGAATCTACATGTTTTCAGCTTGTGGACACCTACGCT
 GCCTCCTATGCCCTTGTGCATATTGCCATATTTGAGCTTGTGGCATCTCCTATGTGATGGCTTGACAG
 GATTCTGTGAAGACATCGAGATGATGATTGGATTCAAGCCCAACATTTTCTGGAAAGTCTGCTGGGCATT
 CGTCACACCGACCATTTTGACTTTTATCCTTTGCTTACGCTTCTACCAGTGGGAGCCCATGACCTATGGC
 TCTTACCCTACCCTAACTGGTCCATGGTGTGGATGGCTGATGCTCGCTGCTCCGTTATCTGGATCC
 CGATTATGTTTCGTGATAAAAAATGATCTGGCTCCCGGGAGATTTATTGAGAGGCTGAAGTTGGTATGCTC
 GCCACAGCCGACTGGGGCCATTCTTAGCTCAGCACCGCGGGGAACGCTACAAGAATATGATCGACCC
 TTGGAACTTCGTGCTGGGACTCAAGCTGCCCGTGAAGGATTTGGAACCTGGGCACTCAGTGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_148931
Insert Size: 2376 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:	<ol style="list-style-type: none">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:	<u>NM_148931.3</u> , <u>NP_683733.2</u>
RefSeq Size:	2467 bp
RefSeq ORF:	2376 bp
Locus ID:	104245
Cytogenetics:	7 B4