

Product datasheet for **MC221723**

Slc6a5 (NM_001146013) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a5 (NM_001146013) 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: >MC221723 representing NM_001146013
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTGCAGTGCTCCCAAGGAAATGAATAAACAGCCAGCCAACATCTTGGAGGCAGCGGTGCCAGGCC
 ACCGGGATAGTCTCGTGACCTAGGACCAGCCCTGAACAGGATCTTCTGCTGAGGCCCCACGGCCAC
 TGTCCAGCCGCCACGTGTGCCAGGTGCGCTTCCACCGCGCCCAAACCTTCCAGTCTGCGGATGCGAGA
 GCCTGCGAGGCCAGCAGTCCGGAGTAGGGTTTGTAACTCTCAGCAGCCCCGGGCACAAGCGACCTCCG
 CGGCCCTCCGGGACTTAAGCGAAGGGCACAGCGCAGGCCAATCCCCCTTCCGGGCCCGCGGGGTGG
 CAACGCTCTGCACTGCAAGATTCAGCTCTGCGTGGCCCGGAGGAGACGCAACGTGAGTGTGGCAAG
 GGCACGCTGGAGCACAACATACCCAGCCGTGGGCTGGTGAATATGAGCCAGAGCAGTAGTGTGG
 GAACCGATGGCATCGCTCGGTGCTCCCGGCGAGCTGGCCACCACTACCATAACCGAGGACGAGCAAGG
 GGATGAGAATAAGGCCCGAGGGAAGTGGTCCAGCAAAGTGGACTTCATCTGTCCATGGTGGGTACGCA
 GTGGGGCTGGGCAATGTTTGGAGGTTTCCCTACCTGGCCTTCCAGAACGGGGGAGGCGCGTTCTCATCC
 CTTACTTGATGATGCTGGCACTGGCTGGCTTACCCATCTTCTCTAGAGGTGTCCCTGGGCCAGTTTGC
 CAGCCAGGGTCTGTGTCTGTGTGGAAGGCCATCCAGCTCTGCAGGGTGTGGCATTGCGATGCTCATC
 ATCTCTGTCTCATAGCCATATACTACAACGTCATCATCTGCTACACGCTCTTCTACCTGTTTGCCTCCT
 TCGTGTCTGTGCTGCCCTGGGGTCTGCAACAACCCGTGGAACACACCAGAATGCAAAGATAAAACCAA
 ACTTTTACTAGATTCTGTGTTATCGGTGACCATCCCAAGATACAGATCAAGAACTCTACTTTCTGCATG
 ACTGCCTATCCGAACCTGACAATGGTTAACTTCACCAGCCAGACCAATAAGACATTTGTGAGCGGGAGTG
 AAGAGTACTTCAAGTATTTGTGCTGAAGATTTCTGCAGGATTGAATATCCGGGTGAGATCCGGTGGCC
 CTTGGCCTTCTGCCTTTTCTTGGCTTGGGTGATTGTGTACGCATCACTGGCGAAAGGAATTAAGTCATCA
 GGAAAAGTAGTCTACTTCACAGCCACATTCCTTATGTGCTCCTGGTCATCCTCCTTATTCGAGGAGTCA
 CCCTGCCTGGAGCTGGAGCCGGCATCTGGTACTTCATCACACCTAAGTGGGAAAACTCACGGATGCCAC
 GGTATGGAAGGATGCGGCCACTCAGATTTTCTTCTCCCTGTCTGCGGCCTGGGGAGGGCTCATCACTCTT
 TCTTCTTACAACAAATCCACAACAACTGCTACAGGGATACGTTAATTGTAACTGCACTAACAGTGCCA
 CTAGCATCTTTGCTGGGTTTGTATCTTCTGTGTCATCGGCTTCATGGCCAACGAGCGCAAAGTCAACAT
 TGAGAATGTGGCCGACCAAGGGCCTGGCATTGCATTTGTGGTTTACCCTGAGGCCTTAAGTAGGCTGCCT
 CTCTCTCCATTCTGGGCCATCATCTTTTCTGATGCTTCTCACGCTTGGACTCGACACCATGTTTGCCA
 CCATTGAGACCATCGTGACCTCCATCTCGGATGAGTTTCCCAAGTACCTGCGCACACACAAGCCTGTGTT
 CACCCTGGGCTGCTGCATCTGCTTCTTATTATGGGCTTCCCTATGATCACACAGGTGGAATCTACATG
 TTTGAGCTTGTGGACACCTACGCTGCCTCCTATGCCCTTGTATCATTGCCATATTTGAGCTTGTGGCA
 TCTCCTATGTGTATGGCTTGAGAGATTCTGTGAAGACATCGAGATGATGATTGGATTCAAGCCCAACAT
 TTTCTGGAAAGTCTGCTGGGCATTCGTACACCGACCATTTTACTTTTATCCTTTGCTTCAGCTTCTAC
 CAGTGGGAGCCCATGACCTATGGCTCTTACCGCTACCTAACTGGTCCATGGTGTGGATGGCTGATGC
 TCGCCTGCTCCGTTATCTGGATCCCGATTATGTTCTGTGATAAAATGTATCTGGCTCCCGGAGATTAT
 TGAGAGGCTGAAGTTGGTATGCTCGCCACAGCCGACTGGGGCCATTCTAGCTCAGCACCGCGGGGAA
 CGCTACAAGAATATGATCGACCCCTTGGGAACCTCGTCTGCTGGGACTCAAGCTGCCCGTGAAGGATTGG
 AACTGGGCACTCAGTGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001146013

Insert Size: 2400 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001146013.1, NP_001139485.1</u>
RefSeq Size:	2549 bp
RefSeq ORF:	2400 bp
Locus ID:	104245
Cytogenetics:	7 B4