

Product datasheet for **MC222497**

Slc9a5 (NM_001081332) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc9a5 (NM_001081332) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc9a5
Synonyms:	Gm696
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222497 representing NM_001081332

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGAGCGCCGCACTGCTTCTTCTGCCCGGGTTGCCCTGGCGGGGGCGGGGCCACAGAAGAACCCA
CCCAGGAGTCCGGGCGTTGGGTGAGCCTCTCCAGGCTTGGCGCTCTTCCGCTGGCAGTGGCACGAGGT
GGAGGCGCCCTACCTGGTGGCCCTGTGGATCCTGGTGGCCAGCTTAGCCAAAATCGTGTTCCACCTGTCC
CGGAAGGTAACATCTCTGGTCCCTGAGAGCTGCCTGCTGATTTTCTGGGCTGGTCTAGGGGGCATTG
TCTTAGCCGTGGCCAAGAAGGCTGAGTACCAGCTGGAGCCGGGACCTTCTCTTTTCTGCTCCCTCC
CATCGTGTAGACTCAGGCTATTTATGCCAGCCGGCTGTTTTTACAACTTGGGTGCCATCCTCACC
TACGCCGTGGTGGGCACACTCTGGAATGCCTTCACAACAGGTGTTGCCCTTGGGGCTGCAGCAGGCTG
GACTTGTGGCTCCTAGGGTACAGGCTGGCTGCTGGATTTCTTGCTGTTGGGAGTCTCATCTCAGCAGT
GGACCCTGTGGCGTGTGGCCGTCTTGGAGAGTGCATGTCAATCAGACCCTTTTATCATCATCTTC
GGCAGAGTCTCTGCTCAATGATGCAGTAAGTGTGGTGTGTACAAGGTCTGCAACTCTTTGTGGAGATGG
GCTCTGCCAACGTGCAGGCCACTGACTACCTAAAGGGCGTCGCTCCCTGTTTGTGGTCACTCTGGCGG
GGCAGCGGTGGGCTTAGTCTTTGCCCTTCTCTGGCCCTGACCACACGCTTCACCAAGCGGGTCCGCATC
ATCGAGCCGTGTCTGGTCTTCTCTCGCTACGACGCTACCTCACTGCTGAGATGGCCTCGTTGTCCG
CCATTCTTGGGTGACCATGTGTGGCTGGGATGTAAGAAATACGTGGAAGCCAACATCTCCATAAGTC
CCGACGGCTGTCAAGTACAGATGAAACACTCGCCAGCTGTGCCGAACGGTCATCTTCATGTTACTT
GGCATCTCGGCCGTGGACTCTTCAAATGGGCTGGGACTCTGGGCTGGTGTGGGCACCTCTTCTTCA
TCTGTCTTCCGAGCCCTCGGCGTGGTCTTGCAGACGTGGGCGCTGAATCAGTTCGGCTGGTCCCTCT
GGACAAGATTGACCAAGTGGTGTATGTCCTATGGGGGCCCTTCGGGGGGCTGTGGCCTTTGCTCTCGTCATC
CTCCTGGACAGGACCAAGTCCCTGCCAAGGACTACTTTGTGGCCACCACTATTGTGGTGTCTTCTTCA
CCGTATCGTGCAGGGTTTGACCATCAAGCCACTGGTCAAGTGGCTGAGGGTGAAGAGGAGTGATTACCA
CAAACCCACCTTGAACCAGGAGCTGCATGAGCACACTTTTGACCACATTCTGGCCGAGTGGAGGACGTT
GTGGGGCACCATGGCTACCACTACTGGAGGACAGGTGGGAACAGTTTGACAAGAAGTACCTGAGTCAGC
TCTTGATCGCGCGGTGAGCCTATCGATCCGCGACAGATCTGGGATGTGTAACAGACTCAACATCCG
AGATGCCATCAGCTTTGTGGACAGGGAGGCCATGTCTTGTCTCCACAGGACTCACTCTGCCCTCTATG
CCTAGCAGAAATCTGTGGCAGAGACCTCTGTACCAACCTGTTGAGGGAGAGCGCAGTGGAGCGTGTC
TGGATCTGCAGGTGATTGACACGGTGCAGCGGCCGAGACCGGGAGGATGCCGTGATGCATCATCTGCT
CTGTGGAGGCCTCTACAAGCCACGGCGCAGGTACAAGCTAGCTGCGGCCGCCACTTCATCTCAGAGGAT
GCCCAGGAGCGACAGGACAAGGAGATCTTCCAGCAGAACATGAAGCGACGGCTTGAGTCTTTAAGTCCA
CCAAACATAACATCTGTTTACCAAGAGCAAACCTCGGCCCGAAAGACCAGCCATAAGAAGAAGGATGG
TGTGGCTAATCCGAAGCTACCAATGGGAAGCCTCTCGAGACCTGGGCTTTAGGACACAGCTGCAGTG
ATACTAACCGTGGAGTCTGAGGAGGAGGAAGAAAGCGACAGTTTACAGACAGAGAAAGAGGACGATGAAG
GGATCATCTTTGTGGCTCGTGCCACAGTGAGGTTCTCCAGGAAGGCAAGGTCTCAGGAAGCCTTGAGGT
GTGTCCAAGCCCACGCATCATTTCCCCATCCCCAACCTGTGCAGAGAAGGAGTTACCTGGAAGAGTGGG
CAGGGAGACCTGGCTGTGTATGTCTTTCAGAAACAACCAAGATCGTGCCTGTGGACATGCAGACAGGCT
GGAACAGAGCATCTCGTCCCTGGAGAGCTGGCATCCCCCTCCCTGCACCCAGCCCCGACTTTAACCCG
CTTACCCCCCACCCTCTGGTCACTGAAGAGCCCCAGGTTCTATTGACCTGTCTTCTGACCCTCGCTCT
AGCTTTGCCTTCCCCCAAGCCTGGCCAAAGCTGGTCTTCTCGAAGTGAGAGCAGCGTGACATCCCCC
AGCAGGAGTTGCAGCCCTCATGGGCCACAAGGACCACACTCACCTTAGTCCGGGCACTGCCAACTCCCA
CTGGTGCATCCAGTTCAACCGAGGAGGCAGGCT**GTA**G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001081332

Insert Size:	2697 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_001081332.1, NP_001074801.1</u>
RefSeq Size:	5222 bp
RefSeq ORF:	2697 bp
Locus ID:	277973
Cytogenetics:	8 D3