

Product datasheet for **MC223158**

Slc4a5 (NM_001166067) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc4a5 (NM_001166067) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc4a5
Synonyms: C330006M16; C330016K18Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223158 representing NM_001166067
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACACTCTACAGCATGATGGGGACCAGATGGAGTGGAGGAGTCAGCCAGGTGGATAAAATTTGAAG
 AAAAGGTAGAGGAAGGAGGAGAACGATGGAGCAAGCCCCATGTGTCCACGCTGTCCCTGCACAGTCTCTT
 TGAGCTCCGCACCTGCCTGCAGACAGGGACAGTGTACTGGATCTGGACAGCTGTCCCTACCACAGATC
 ATAGATGATGTCATTGAGAAGCAGATAGAGGATGGACTTCTGCGACCTGAGCTCCGGGAGAGGGTACGT
 ACGTGTCTCTGAGGAAGCATCGTCACCAAACCAAGAAGCCATCCACCGTTCCTTGCAGACATCGGGAA
 GTCGGTTTCCACGACGAACCGAAGCTCTGCCCGGAGCTCCTCAGCAGGCCAACTCTGCACCGCTCCACT
 GAGGACCTGAGGATTCGACAAAGCACCAGCTATGGTCACTGTGTGCATGCCAGAGTAGAAGCATGAATG
 ACATCTCTCATACCCAAACACAGACCAGCGAAAAACAAATTCATGAAGAAGATTCCTCAAGGACTCAGA
 AGCTTCCAACGTGCTCGTGGGCGAGGTGGACTTCTGGACCAGCCATTTCATTGCATTTGTTGCTTGTGC
 CAGTCTGCCATGCTGGGAGGGGTGACAGAGGTGCCTGTCCCACCAGATTCTGTTCACTACTATTAGGAC
 CTTCCGGGAGAGCAAAGTCTATAATGAGATTGGCCGAGCCATCGCAACCCTCATGGTGGATGATCTATT
 CAGCGATGTGGCTTATAAAGCTCGAACCAGAGAAGATCTGATCGCAGGGATTGATGAATTTCTAGACGAG
 GTCATTGTCTTCCCCCTGGAGAGTGGGACCCAAACATCAGAATTGAGCCACCCAAAGAAAGTTCCCTCAG
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 AGCCTCGGCTGGAGGAGGCGCAGTGGCGGAGGGGCTGGAGGCAGCGGGGCTGGCGGAGTGGGCAGTGGC
 GACGAAGCTGAGATGCCAGCTATGCACGAAATCGGGGAGGAGCTGATCTGGACCGGAAGGTTCTTTGGAG
 GACTGTGTCTGGATGTCAAGAGGAAGCTGCCCTGGTCCCAAGCGACTTCTATGATGGCTTCCACCTCCA
 GTCCATCTGCTGTTCTGTTTCATCTACCTCGGCTGTATTACCAACGCGATCACCTTTGGTGGGCTCTG
 GGGATGCCACAGACAACCTACCAGGAGTAATGGAGAGCTTCTGGGCACTGCCATGGCTGGCAGCTTGT
 TCTGCCTCTTCTCGGGGACGCTTATCATCCTCAGCAGCACAGGACCCATCCTCATCTTTGAGAGCT
 CCTTTTGACTTCAGCAAGGCCAATGGCCTGGACTACATGGAGTTCGGCCTCTGGATTGGTCTTCACTCA
 GCCATCCAGTGCCTTATTCTGGTGGCCACAGATGCCAGCTTATCATCAAGTATATCACCGCTTACCCG



AAGAGGGCTTCTCCACCCTCATCAGCTTCATCTTCATCTACGACGCCATCAAAAAGATGATTGGTGCCTT
 CAAATACTATCCCATTAAACACGGACTTCAAGCCTGACTTCATCACCACCTACAAATGCGAGTGCCTCGCT
 CCTGACACAGTGAACACAACCACGGTCAATGCCTCAGCCCCACTGGCACCAACACCAACACGTCTCTGT
 ACACCCCCTTAACTCACAGCGCTGGACTGGTCCCTGCTGAGCAAGAAGGAGTGCCTGAGCTACGGCGG
 GCGCCTGCTCGGGAGCTCCTGCCAGTTCGTCACAGACCTGGCGCTCATGTCCTTCATCCTTTTCTTTGGG
 ACTTACTCCATGACCTTGACTCTGAAGAAATCAAGTTCAGCCGCTATTTTCCCACCAAGTCCGGACCC
 TGGTGGCTGACTTCTCCATTGTATTCTCCATCCTGCTTTTCTGTGGAATCGATGCCTGTTTTGGCCTGCA
 GACCCCAAAGCTGCACGTGCCTAGTGTCATTAAGCCACAAAGGCCGACCGAGGCTGTTTCGTTGCCCC
 TTTGGGAAGAACCCTTGGTGGGTGTACCCTGCCAGCATCCTGCCGGCCCTGCTGGTGACCATCCTGATCT
 TCATGGACCAGCAGATCACCGCAGTCATTGTCAACCGGAAGGAGAACAAGCTGAGGAAGGCCGCTGGCTA
 CCATCTGGACCTGTTCTGGGTAGGCATCCTCATGGCTCTGTGCTCCTTACCAGGCTCCCCTGGTACGTG
 GCTGCCACGGTCATCCTCATGCCACATCGACAGCCTCAAGATGGAGACGGAGACCAGTCCCCGGGGG
 AACAGCCCCAGTTCCTGGGGTCAGGGAGCAGAGATTACTGGAGTCATGGTCTTCATCCTGACAGGCAT
 CTCGCTTCTCTGGCTCCTATCCTGAAGTACATCCCCATGCCAGTCTCTATGGAGTCTTCTCTACATG
 GGTGTGGCCTCCCTGAATGGCATCCAGTCTGGGAACGCTGTAAGCTTTTCTCATGCCAGCCAAGCACC
 AGCCGGACCACGCTTTCCTGCGCCACGTGCCCTTCGCGGCATTACCTGTTACCTGGTGCAGATCCT
 CTGCTGGCCCTGCTCTGGATCCTTAAGTCAACCATGGCTGCCATCATCTTCCCGGTGATGATCCTGGGC
 CTTATCATTGTTGGAAGGCTCCTGGACTTGATTTTCTCCAGCATGACCTGGCCTGGATTGACAATATCC
 TCCCAGAGAAGGACAAAAAGGAGACAGACAAGAAGAAGAGAAGGAAAGAGGTCCATGAGACGGCAGA
 GAAGGAGGTGGCAATGCCCCAGTTCCTTCTCCCTCAGTTGTAAGATCCCCATGGAAGGTATCCCATCT
 GATCCCCAAAACGGTATCCACTGTGTGCCAGAAAAAGATCTTCCAGTTGGAGTTACTCTCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001166067
- Insert Size:** 3006 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:** NM_001166067.1, NP_001159539.1
- RefSeq Size:** 5141 bp
- RefSeq ORF:** 3006 bp
- Locus ID:** 232156

Cytogenetics: 6 C3