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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC223158 representing NM_001166067
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACACTCTACAGCATGATGGGGACCAGATGGAGTGGAAGGAGTCAGCCAGGTGGATAAAATTTGAAG
AAAAGGTAGAGGAAGGAGGAGAACGATGGAGCAAGCCCCATGTGTCCACGCTGTCCCTGCACAGTCTCTT
TGAGCTCCGCACCTGCCTGCAGACAGGGACAGTGCTACTGGATCTGGACAGCTGCTCCCTACCACAGATC
ATAGATGATGTCATTGAGAAGCAGATAGAGGATGGACTTCTGCGACCTGAGCTCCGGGAGAGGGTCAGCT
ACGTGCTCCTGAGGAAGCATCGTCACCAAACCAAGAAGCCCATCCACCGTTCCCTTGCAGACATCGGGAA
GTCGGTTTCCACGACGAACCGAAGCTCTGCCCGGAGCTCCTCAGCAGGCCCAACTCTGCACCGCTCCACT
GAGGACCTGAGGATTCGACAAAGCACCAGCTATGGTCATCTGTGTCATGCCCAGAGTAGAAGCATGAATG
ACATCTCTCATACCCCAAACACAGACCAGCGGAAAAACAAATTCATGAAGAAGATTCCCAAGGACTCAGA
AGCTTCCAACGTGCTCGTGGGCGAGGTGGACTTCCTGGACCAGCCATTCATTGCATTTGTTCGTCTTGTC
CAGTCTGCCATGCTGGGAGGGGTGACAGAGGTGCCTGTCCCCACCAGATTTCTGTTCATACTATTAGGAC
CTTCCGGGAGAGCAAAGTCCTATAATGAGATTGGCCGAGCCATCGCAACCCTCATGGTGGATGATCTATT
CAGCGATGTGGCTTATAAAGCTCGGAACCGAGAAGATCTGATCGCAGGGATTGATGAATTTCTAGACGAG
GTCATTGTCCTTCCCCCTGGAGAGTGGGACCCAAACATCAGAATTGAGCCACCCAAGAAAGTTCCCTCAG
CTGACAAGAGGAAATCTGTGTTCTCTCTGGCAGAGCCGGGCCAGATGAATGGCTCTGTGGGCGGAGGCGG
AGCCTCGGCTGGAGGAGGCGGCAGTGGCGGAGGGGCTGGAGGCAGCGGGGCTGGCGGAGTGGGCAGTGGC
GACGAAGCTGAGATGCCAGCTATGCACGAAATCGGGGAGGAGCTGATCTGGACCGGAAGGTTCTTTGGAG
GACTGTGTCTGGATGTCAAGAGGAAGCTGCCCTGGTTCCCAAGCGACTTCTATGATGGCTTCCACCTCCA
GTCCATCTCTGCTGTTCTGTTCATCTACCTCGGCTGTATTACCAACGCGATCACCTTTGGTGGGCTTCTG
GGGGATGCCACAGACAACTACCAGGGAGTAATGGAGAGCTTCCTGGGCACTGCCATGGCTGGCAGCTTGT
TCTGCCTCTTCTCGGGGCAGCCTCTTATCATCCTCAGCAGCACAGGACCCATCCTCATCTTTGAGAAGCT
CCTCTTTGACTTCAGCAAGGCCAATGGCCTGGACTACATGGAGTTCCGCCTCTGGATTGGTCTTCACTCA
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GCCATCCAGTGCCTTATTCTGGTGGCCACAGATGCCAGCTTTATCATCAAGTATATCACCCGCTTCACCG
AAGAGGGCTTCTCCACCCTCATCAGCTTCATCTTCATCTACGACGCCATCAAAAAGATGATTGGTGCCTT
CAAATACTATCCCATTAACACGGACTTCAAGCCTGACTTCATCACCACCTACAAATGCGAGTGCGTCGCT
CCTGACACAGTGAACACAACCACGGTCAATGCCTCAGCCCCACTGGCACCAAACACCAACACGTCTCTGT
ACACCCCCCTTAACCTCACAGCGCTGGACTGGTCCCTGCTGAGCAAGAAGGAGTGCCTGAGCTACGGCGG
GCGCCTGCTCGGGAGCTCCTGCCAGTTCGTCCCAGACCTGGCGCTCATGTCCTTCATCCTTTTCTTTGGG
ACTTACTCCATGACCTTGACTCTGAAGAAATTCAAGTTCAGCCGCTATTTTCCCACCAAGGTCCGGACCC
TGGTGGCTGACTTCTCCATTGTATTCTCCATCCTGCTTTTCTGTGGAATCGATGCCTGTTTTGGCCTGCA
GACCCCAAAGCTGCACGTGCCTAGTGTCATTAAGCCCACAAGGCCCGACCGAGGCTGGTTCGTTGCCCCC
TTTGGGAAGAACCCTTGGTGGGTGTACCCTGCCAGCATCCTGCCGGCCCTGCTGGTGACCATCCTGATCT
TCATGGACCAGCAGATCACCGCAGTCATTGTCAACCGGAAGGAGAACAAGCTGAGGAAGGCCGCTGGCTA
CCATCTGGACCTGTTCTGGGTAGGCATCCTCATGGCTCTGTGCTCCTTCACCGGGCTCCCCTGGTACGTG
GCTGCCACGGTCATCTCCATCGCCCACATCGACAGCCTCAAGATGGAGACGGAGACCAGTGCCCCGGGGG
AACAGCCCCAGTTCCTGGGGGTCAGGGAGCAGAGAGTTACTGGAGTCATGGTCTTCATCCTGACAGGCAT
CTCCGTCTTCCTGGCTCCTATCCTGAAGTACATCCCCATGCCAGTGCTCTATGGAGTCTTCCTCTACATG
GGTGTGGCCTCCCTGAATGGCATCCAGTTCTGGGAACGCTGTAAGCTTTTCCTCATGCCAGCCAAGCACC
AGCCGGACCACGCTTTCCTGCGCCACGTGCCCCTTCGCCGCATTCACCTGTTCACCCTGGTGCAGATCCT
CTGCCTGGCCCTGCTCTGGATCCTTAAGTCAACCATGGCTGCCATCATCTTCCCGGTCATGATCCTGGGC
CTTATCATTGTTCGAAGGCTCCTGGACTTGATTTTCTCCCAGCATGACCTGGCCTGGATTGACAATATCC
TCCCAGAGAAGGACAAAAAGGAGACAGACAAGAAGAAGAAGAGAAGGAAAGAGGTCCATGAGACGGCAGA
GAAGGAGGTGGCAATGCCCCAGTTCCTTCCTCCCTCAGTTGTAAAGATCCCCATGGAAGGTATCCCATCT
GATCCCCAAAACGGTATCCACTGTGTTGCCAGAAAAAGATCTTCCAGTTGGAGTTACTCTCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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

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Locus ID:	232156
Cytogenetics:	6 C3

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