

Product datasheet for **MC220927**

Slc44a5 (NM_001081263) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc44a5 (NM_001081263) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc44a5
Synonyms:	AA117069; Gm422
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220927 representing NM_001081263
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCCGAAGAGAAAGCCCCCAGCAGCCAGGGTGACCCAAGGAGGTATGACCCAGATTTCCAGGGAC
 CTAAGTCCAAAAGGACTTGTACGGACGTTTTATGCTGTCTGATCTTCTACTGTTTATTTGGGCTACGT
 TCTGTTAGGACTCTTGGCTTGGGCCATGGTGACCCAGGAAAATGGCCTATCCTACGGACAGCCAGGGA
 CATTTTTGTGGCCAGAAGGGAACCCCAATGAGAACAAAGACAGTTTTGTTTTACTTTAACATCTTTAGAT
 GTACCAGTCTTCTATGATGCTCCGGCTACAGTGTCTACCACACAGATCTGTGTCTCCAGGTGCCAGAG
 GAGATTCCTCACCTACTTGGATATGCAATTTTTGAACAAAGAAGACAAAACTACTGGGAATACTATCGC
 CAATTCTGCAAGGCCAAGGCCAAGCCTGTGGAGACTCTCAGAGATCTTCTGATCAGTGGTGACTGTCCCT
 TAGCTGTGTACCCAAGCAGACCTTTTCTGCAGAGATGTATACCTGACCTTTCAGCCCTCAATGGTACCTG
 GACGCCAGGAAGTAGGATGAAGTTTGAAGATGGAAGTGGGCAGACCAGGACTATGCTAGAATTCAGGGAG
 GCTGCGAACGGCATTAGTGATCTGATCAATGCCAGGACGATTGGATTGAAGCTGCTTGAAGACTATGCTA
 CCTCGTGGAAAGTGGATTCTCATCGGCCCTGACTGTTGCCATGGCACTGAGTTGGACTTTTTAATACTCCT
 GAGGTTACAGCTGGGTTCTTCTGTTTCTTCATATTTGGTGTGCTCGGAATTATAGGATACGGAATA
 TGGTACTGTTTTCTGGAGTACAGCAGCATTACAGAGAGCCACAGTCAACGTTCTGGATGTATGGCTTCG
 GGATTCAGAGGAGAGTAAACATGTTCTTCACTTGAAGGAGACCTGGTTTTCAATGATGATCATCTTGTG
 TGCCATTGAAATCATCATCATCGTCTGATCTTCTCAGGACTCGGATCCAAGTGGCCATCATCCTG
 CTGCAGGAAGGAAGCAAGCCATTAGCTACCTCCAGTGCCTTAATCTACCCAGTTTTAACCTTCATCT
 TGCTATCAATCTGCATTTCTACTGGGCTGTGACAGCCGTTTTCTGGCTACATCAGGGGTACCAATATT
 CAAAGTTATGGTCCCAGCGGGCAATGTATATATGAAGATGAAACTTGTGACCCAGAGATTTTTCTTAT
 ACTAACATTTCCAAAGACTGCCCGGTGCATCGTGCAACTTTGCTTTCTATGGCGAAGGAGCATGTACC
 ACAATTACATCTGACCTTCCAGGTCTACAACCTTTTGCCTTCTTTGGCTTATAAACTTTGTCTATTGC
 GTTGGGTGAGTGTGCCCTGGCTGGTGCCTTTGCTTCTATTACTGGGCCATGAAAAAACCAGCAGCATC
 CCGCCATACCCACTTCTCACTGCGTTTGGGCGAGCAGTACGATACCACACGGGTCTCTGGCCTTTGGAT
 CTTTGTATCCTTGCATCCGTTTCAAGTGTAAAGTATCGTGAATACTGGACAGGAGACTCAAAAAGGC
 TCAGAACAGTGTCTGCTCAGTTCCTGCACTGCTGCCTACAGTGTGTTTCTGGTGTGGAAAAGATGGT
 AAGTTTTTAAACAGAAATGCCTACATCATGATTGCATTATATGGCAAAAATTCTGTGAGTCAACAAGAG
 ATGCTTTCTATCTGCTCATGAGAAACATTCTGAAAGTACAGTTACAGATGAAGTACGACTTTTGTATT
 ACTCCTGGGAAAAGTCTGGTTTCTGGGATTGTAGGTGCTTGGCCTTCTACTTTCACAGAAAGACTA
 CAAATAATTGTAGATGGACCAACGACTTTAAATTAATACTACTGGGTCCCCTTCTGACTCTTGTGTTTGGAT
 CTTACATGATTGCTCACGGATTCTTACAGCTCTATTCAATGTGTGTTGAAACATTTTCACTGCTTCTT
 GGAAGACCTAGAAAGAAACGAAGGCTCTCCTTCAAGACCCTATTCGTGACTCCGGCTCTAATGAACATT
 TTGCTGGAGCAGGGCAAGATCAAGAAGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081263
Insert Size: 2133 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_001081263.1</u> , <u>NP_001074732.1</u>
RefSeq Size:	4098 bp
RefSeq ORF:	2133 bp
Locus ID:	242259
UniProt ID:	<u>Q5RJI2</u>
Cytogenetics:	3 H3-H4