

Product datasheet for **MC221827**

Slc9a2 (NM_001033289) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc9a2 (NM_001033289) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc9a2
Synonyms:	2210416H12Rik; 4932415O19Rik; AV333884; NHE2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221827 representing NM_001033289
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCCCGGGACCGCGCACAGCGTGGGGCCCACTGTCTGGCTGCTGCTGCTGCTGCTGCTC
 TGCAGGTGGCAGTGCCGGCGGGCGCTGGCCGAGACCCTGCTGGACGCACCCAGGGCCAGGGGTGCCAG
 CTCCAACCGCCAAGTCCTGCCAGTGTGGTGGCCCGGGAACGACGCCGTTTCGAGAAAGTCGGTTGCC
 GTGTTACCCCTGGATTACCCCCACGTGCAAATCCCTTTGAGATCACTTTGTGGATCCTACTGGCCTCT
 TGGCCAAGATTGGTTTTTCATCTCTATCACAAGTTGCCACAATCGTGCCGAGAGCTGCCTTCTCATAAT
 GGTGGGCTTCTACTGGTGGGATTATCTTCGGTGTGATGAGAAGTCTCCCCGGCAATGAAGACAGAT
 GTGTTTTCTATACCTCTGCCACCCATCGTTCTGGATGCTGGTACTTTCATGCCAACTCGCCCTTCT
 TTGAGAACTTCGGCACCATTTCTGGTATGCTGTGGTAGGCACACTGTGGAATTCATTGGCATTGGGGT
 GTCTTTGTTGGCATCTGCCAGATTGAGGCGTTTGGCCTCAGTGACATCACCTGCTCCAGAACCTGCTC
 TTGGGCAGCCTGATTTACGCTGTGGACCCCGTGGCTGTGCTTGCTGTCTTTGAGAACATTACGTCGAATG
 AACAGCTCTATACCTGGTTTTTGGCGAGTCTCTGCTCAACGATGCAGTACAGTGGTCTCTGACAACCT
 GTTCAAGTCTTCTGCCAGATGAAAACCATCCAGACCGTAGACGTGTTTGGCTGGCATCGTAACTTCTTC
 GTCGTGGGATTGGCGGGGTGCTGATTGGCATCCTCCTGGGATTCATAGCAGCGTTTACCACCCGTTTCA
 CACACAACATCCGGGTCATTGAGCCACTTTGTCTTCTGTACAGTACTTGTCTACATCACTGCTGA
 AATGTTCCACCTTTCAGGCATCATGGCGATCACAGCGTGTCCATGACAATGAATAAGTACGTGGAAGAG
 AACGTGCTCAGAAGTCTACACAACCATCAAGTACTTTCATGAAGATGCTGAGCAGCGTGAGCAGACCC
 TGATCTTCACTTTCATGGGCGTGTCCACTGTTGGGAAGAACCAGAGTGGAACTGGGCTTTCGCTGCTT
 TACCCTGGCCTTCTGCCTGATCTGGCGAGCACTGGGCGTCTTTGCTGACTCAGGTGATTAAGTGGTTC
 CGGACCATCCCGTAACCTTCAAGGACCAAGTTCATCATTGCCACGAGGGCTCCGTGGCCCATCTGCT
 TTGCACTGGTGTCTCCTCCCTGCTACTGTGTTCCCGAAAGAAGCTGTTTCATCACGGCTGCTATTGT
 CGTTATATTCTTCACTGTCTTATCCTGGGTATAACCATCCGGCCACTGGTGGAAATTTTGTGATGTTAAG
 AGATCCAATAAGAAGCAGCAAGCTGTCAGTGAAGAGATCCACTGTCGGTTTTTTGATCATGTGAAGACTG
 GGATTGAAGATGTGTGTGGACACTGGGGTCAACTTCTGGAGAGACAAGTTAAGAAGTTTGTGACAA
 ATACCTTCGGAAGCTTCTGATTCGGGAAAACCAACCAAGTCCAGTATTGTGCTTATATAAAAAGCTT
 GAGATAAAGCATGCCATTGAAATGGCAGAGACAGGGATGATAAGCACTGTCCCCTCATTTGCATCTCTCA
 ATGACTGCCGTGAAGAGAAAATAAGGAAGCTCACGCCAGGCGAAATGGATGAAATTAGAGAGATATTATC
 ACGGAATCTCTATCAAATCCGTCAGCGGACCTGTCTATAACAGACACAACCTGACGGCAGACACAAGC
 GAGAGGCAAGCCAAGGAGATCCTGATTCGAGGCGGCACAGTCTTCGGGAAAGTCTCAGGAAAGACAACA
 GCTCAAACCGGAGCGCAGGGCTTCCACTTCAACCTCCCGATATTTATCCTTACCTAAGAACACAAGCT
 TCCAGAGAAGCTGCAGAAGAAGAAGGTTTCAAATGCAGATGGAAATAGCAGCGACTCGGACCCAGAT
 GTTGAACCACTGTGCTCAATTTGCAGCCAGGACCAGGCGCTTCTTCCAGATCAGTCTCAAAGAAAG
 CCTCCAGGCCTACAAAATGGAATGGAAGAACGAGGTGGATGTGGTTCTGTGCGAGTGCCCCCAGCGT
 CTCTCCAGCAGCCCGCAGTAAAGACGGGGCACCCAAACACCGGGTTGCTGAGGCAGCCCTGCTCTCC
 AAAGACCAACGGTTTGGCCGGGTAGGGAAGACAGTTTGAAGTGAAGACGTTCCACCCAAGCCCCACCAA
 GGTTGGTGCAGCAGCGTCAGAACCAGGAAAGCCGCTTGGCAATGAAAAGCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033289
Insert Size: 2445 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_001033289.2</u> , <u>NP_001028461.2</u>
RefSeq Size:	3493 bp
RefSeq ORF:	2445 bp
Locus ID:	226999
Cytogenetics:	1 19.66 cM