

Product datasheet for **MC221673**

Slc26a9 (NM_177243) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc26a9 (NM_177243) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc26a9
Synonyms:	E030002L01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221673 representing NM_177243
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCAGCCCAGGCCCGCTACGTGGTAGACAGAGCTGCGTACTCCCTCTCCCTCTTCGATGATGAGT
 TTGAGAAGAAGGACCGTGCCTACCCGGTGGGAGAGAAGCTTCGCAACACTTTTCAGGTGCTCCTCAGCCAA
 GTTCAAAGCCTTTGTGTTGGGCTGTTGCCTGTGCTCTCCTGGCTCCCTAAATACAAAGATCAAAGACTAC
 ATCATCCCTGACTTGCTGGTGGACTCAGTGGAGGGTGTATCCAGGTGCCACAAGGCATGGCATTTCAT
 TGCTGGCCAACTTCTGCTGTCAACGGTCTCTACTCCTCCTTCTCCCTCCTGACCTATTTCTTCTT
 AGGGGGTATTACCAGATGGTGCCAGGTACCTTTGCCGTTATCAGCATCCTGGTGGGTAACATCTGTCTG
 CAGCTGGCCCCAGAGTCGAAATTCAGATCTTCAACAATGTCACCAATGAGACCTACGTGGACACAGCAG
 CCATGGAGGCAGAAAGACTGCATGTGTCTGCGACACTTGCCTGCCTGACTGCTGCATCCAGATGGCCTT
 GGGCTTCATGCAGTTTGGCTTTGTGCCATCTACCTCTCTGAGTCCTTTATCCGGGGCTTCATGACAGCC
 GCTGGCCTGCAGATTCTCATCTCTGTGCTCAAGTACATCTTTGGTCTGACCATTCCCTCCTATACAGGCC
 CTGGCTCCATCGTCTTTACCTTCATTGACATTTGCAAAAACCTCCCCACACCAACATCGCCTCGCTCAT
 CTTTGGCCTGGTCAAGGCTGCTTCTGGTGTGGTGAAGGAACTCAACGCTCGGTACATGCACAAGATC
 CACTTCCCATCCCTACAGAGATGATTGTGGTGGTAGTTGCAACCGCTATCTCTGGGAGCTGCAAGATGC
 CAAAAAATACCACATGCAGATTGTGGGGGAGATCCGACAAGGGTTTCCCACTCCGGTGGACCCGATGGT
 TTCGACGTGGAAGGACATGGTGGGCACAGCCTTCTCCCTGGCAATTGTGGGCTATGTCATCAATCTGGCT
 ATGGGCCGACCCTGGCCAGCAAGCATGGCTATGATGTGGATTCTAACAGGAGATGATTGCCCTGGGCT
 GTAGCAACTTCTTCGGCTCCTTTTTCAAGATCCACGTCATTTGCTGCGCTCTCTCAGTCACACTGGCTGT
 GGATGGGGCTGGAGGAAATCCAGGTGGCCAGCTTGTGTGTCTCTGGTGGTATGATCACCATGCTG
 GTCTGGGATCCTATCTGTACCCTCTCCCAAGGCTGTGCTAGGTGCCCTGATCGCTGCAATCTCAAGA
 ACTCCCTGAAGCAGCTCACTGACCCCTACTACCTCTGGAGGAAGAGTAAGCTAGACTGTTGTGTCTGGT
 GGTGAGCTTCTCTCCTCGTTCTTCTGAGCCTGCCCTACGGTGTGCGAGTGGGTGATGACCTTCTCCATC
 CTGTTGTGATCTTCCAGACCCAGTTTCGAAATGGCTCCACACTGGCCAGGTCATGGACACGGACATCT
 ATGTGAACCCCAAGACCTACAACAGGGCCAGGAAATGCGGGAGTTAAGATTGCACTTACTGCTCCCC
 TCTCTACTTTGCCAACTCAGAGATCTTCCAGGCAAAAAGTCAATTGCCAAGACAGGTATGGACCCCAAGAA
 GTATTACTCGCCAAGCAGAAATATCTCCGGAAGCAGGAGAAGAGGACGGCGATACCCACACAGCAGAGAA
 AGTCCCTTTCATGAAAACCAAGACGGTCTCTCTACAGGAACTCCAACAGGACTTTGAAAGTGCTCCCTC
 TACTGACCCCAACAACAACCAAGCTCCTGCGGGTGAAGGCTCACATATCCTACATCACCTTCAGTCCAGAC
 GCCTCCACAGCTGCTGCATGTGAGCTGCCCGCCTCCACTCGGTCCCCCAGGAGGCTAGTGACACTCTAG
 CCAGTGTGCCGCCCTTTGTACCTTCCACACTCTCATCTTGACATGAGTGGAGTCAGCTTTGTGGATTT
 GATGGGCATCAAAGCTCTCGCCAAGCTAAGCTCCACCTATGAGAAGATCGGAGTCCAGATCTTTCTGGTA
 AACATCCACGCCCAGGTGTATAATGACATCAGCCACGGAGGTGTCTTTGAAGATGGGTGTGTACAGCGCA
 GTCACGTGTTCCCAGCATCCACGATGCAGTCTCTTTGCCAAGCAAAATGCTAGAGAAGCCCCAGACCG
 CAACTTCCATGGGGCTCCAGGGGATACTGAGTTCTCTTGTATGACTCAGAAGAGGAAGGTCCAGCTAT
 TGGGACTTAGAACAGGAGATGTTCCGGACCATGTTTACACAGAGACCCTGACTGCCCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_177243
Insert Size: 2373 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:	NM_177243.4 , NP_796217.2
RefSeq Size:	3640 bp
RefSeq ORF:	2373 bp
Locus ID:	320718
UniProt ID:	Q8BU91
Cytogenetics:	1 E4
Gene Summary:	DIDS- and thiosulfate- sensitive anion exchanger mediating chloride, sulfate and oxalate transport. Mediates chloride/bicarbonate exchange or chloride-independent bicarbonate extrusion thus assuring bicarbonate secretion. Inhibited by ammonium and thiosulfate. [UniProtKB/Swiss-Prot Function]