

Product datasheet for **MC229174**

Slc4a9 (NM_001271546) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc4a9 (NM_001271546) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc4a9
Synonyms:	AE4; D630003B07; D630024F24Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC229174 representing NM_001271546
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCTGCCAGGGCAGGGGATTTTGAAGCTCTGATGCTCATGAAAATGCTCACTCAGAGGAACCGG
 ACAGTGGCCTAGGCCCTGGCCCTGGCCTTAATGGACCCTCAGGCATAGACATTGGGGAATCTCAGGTGTC
 TAAGGACCCTCTGCTCTTCATTCAACTAAATGAGCTGCTGGGTTGGCCCCAGGCACTAGAGTGGCGAGAG
 ACAGGCAGGTGGCTGCTGTTTCGAGGAAAAGCTAGACATGGGCGCGGGCCGGTGGAGTGTCCCATGTGC
 CTACCCTGGAACCTCCAGCCTCCAGAAGCTTCGAAGTCTGTTGGCCGAGGGCATTGTCTGCTAGACTG
 TCAGGCTCAGAGCCTCCTGGAGCTTGTGGAGCAGGTAGTCAGTGGGGAGTCACTGAGCCCAGAAGTGA
 GGACAGCTTCAGGCCTTGTCTCCTGCAGAGACCCAGCACCATCCAGACCATGGGCATCAGGCCCTGCA
 GAGAGTCCAATGCTTTCAGAAAGGCTTCTCGTATGAGGACGCCCACTGAAGCACCAGAACCCTTTGAG
 ACAGAAGCTGCCGCTGGAGCTGAGGCAGCGGCAGTGTGGCAGGAGAGCTGGGTTCTGGAACAGCCA
 CTAGGGGCTTTCGTAAGACTGCGGAATCCTATAGTGTGGAGCCTTTACAGAGATGATCTTGCCAGCA
 GATTTTTCTGCCTCCTCTTGGGTCTCCACCCTGGGAAGGAGCTACCATGAGATGGGACGGGCAGCTGC
 TGTCTCCTCAGTGACCCGCAATTCAGTGGTTCAGTTCGTTCGGGCAAGCCATCTTCTGACCTTCTGGCA
 GCTCTGGATGCCTTCTGCAGGAGGTGACAGCTTACCCCGGGCCGGTGGGACCGGACAGCCCGGATTC
 CCCCACCAAATACCTACCATCTCAGCACAAAAGATCCCTCGAACTGCAGGAGGTACCAGCCTCTC
 CCGACAGAGTGTGCCCTAGCAGAAGACAAGCACCATCACGACCGCACACCCATCCCAGAATTGCAA
 AGGACAGGCAGGCTCTTGGGGTCTTATTCAGGACGTGCGCCGGAAGGCATGTTGGTACACCAGTGATT
 TCCTGGATGCCCTACACCCCAAGTGTCTCAGCTGTGTTCTACATTTACCTGGCCACAGTACAAAACGC
 CATCACTTTTGGGGTCTTCTGGGAGATGCCACTGAAGGTGCCAGGGAGTGTGGAGAGTTTCTGGGC
 ACAGCGGTGGCTGGAGCTGCCTTCTGCCTGATGGCAGGCCAGCCCTCACTATCCTTAGCAGCACAGGGC
 CAGTGTGGTATTTGAGCGCCTACTCTTCTTTTAGCAGAGATTACAGCCTGGATTATCTGCCCTCCG
 CCTATGGGTGCGCATCTGGGTGACCGCATTTTGCCTGGCACTGGTGGCTACGGAGGCCAGCTTGTGGT
 CGCTACTTACCAGATTCACAGAGGAAGGATTCTGTGCCCTCATCAGCCTCATCTTATCTATGATGCCA
 TGGGGAAGATGCTGAATTTGATCCGTGCCTATCCAATCCAAAGGCCAGGGTCTTCTGCCTATGGTTGCTT
 CTGTCAATACCCAGGCACAGGAGAAACAGTCTGAATGGACGAGTGCAAAGCTCAAAGACACAGAGGAC
 ATCTTAAGTGTGCCAGGTCTAGTCAATGCTTCTTCTGCCTCCACTGAGTGCATCCGGCAAGGAGGTC
 ACCCTCTCGGCCCCAGCTGTACACGGTGCCAGACATCGCCTTCTTCTCCCTTCTCTTTACTTC
 TTTCTTTGTGCCATTGCTCTAAGCACATAAAGAACAGCCGCTTCTTCCCTCTGTGGTGCGAAGGTG
 TTGGGCGACTTTTCTCAGTCTGGCCATCCTGTGGGCTGTGGCCTTGACACCTTCTGGGCTAGCCA
 CACCGAAGCTCTTGGTGGCCACAGAATCAAGCCTACACTCTCTGGGCGTGGTGGCTGGTGTCTCCTTT
 TGGAGTAACCCCTGGTGGCTGAGTGTGGCCGCTGCCTTGCCCGCTCTACTGCTGAATCCTTATCTTC
 ATGGACCAGCAGATCACGGCAGTCATCCTCAACCGTGCAGAATACAGACTGCAGAAGGGAGCTGGCTTC
 ACCTGGACCTCTTCTGTGTGGCTGTTTTGATGCTGTTACATCGGCACTGGGCTGCCATGGGAACAGAG
 GCTGACGGGCTTGGTGGTTCCTTACAGGTGTCTCCATCTTCTGGCACCTGTGCTCAAGTTCATC
 CCGATGCCCGTGTCTACGGCATCTTCTGTACATGGGGTAGCCGCGCTCAGCAGCATCCAGTTCGTGA
 AGAGAGTGCAGCTATTGTTGATGCCAAGGAAACATCAGCCAGACATGCTGCTCCTGCGGCATGTGCCTCT
 GAGCAGAGTTCACCTCTTACAGCCATCCAGTTCCTGCCTAGGTCTGCTTTGGGTAGTCAAGTCTACC
 CCTGCAGCATTGTCTTCCCACTCATGTTACTGGGCTGGTGGCCATCCGGAAGGCACTGGAGTGGGTCT
 TCTCACCACAGGAACCTCTGGCTGGATGAGCTGATGCCAGAGGAGGAGGACCATCCCCGAGAACAG
 GTCGAGCCAGAGCACTGTTCAGTGAAATGACAGTGAAGATTCAGAAGTATGATATCAGCCCAAGGCT
 CCAGAAATCAACATCTCTGTAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN:	NM_001271546
Insert Size:	2757 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001271546.1, NP_001258475.1</u>
RefSeq Size:	3059 bp
RefSeq ORF:	2757 bp
Locus ID:	240215
Cytogenetics:	18 B2