

Product datasheet for **MC229187**

Slc4a9 (NM_001271545) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc4a9 (NM_001271545) 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



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Fully Sequenced ORF:

>MC229187 representing NM_001271545

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGCTGCCAGGGCAGGGGATTTTGAAGCTCTGATGCTCATGAAAATGCTCACTCAGAGGAACCGG
ACAGTGGCCTAGGCCCTGGCCCTGGCCTTAATGGACCCTCAGGCATAGACATTGGGAATCTCAGGTGTC
TAAGGACCCTCTGCTCTTCATTCAACTAAATGAGCTGCTGGGTTGGCCCCAGGCACTAGAGTGGCGAGAG
ACAGGCAGGTGGCTGCTGTTTCGAGGAAAAGCTAGACATGGGCGCGGGCCGGTGGAGTGTCCCATGTGC
CTACCCTGGAACCTCCAGCCTCCAGAAGCTTCGAAGTCTGTTGGCCGAGGGCATTGTCTGCTAGACTG
TCAGGCTCAGAGCCTCCTGGAGCTTGTGGAGCAGGTAGTCAGTGGGGAGTCACTGAGCCCAGAAGTGA
GGACAGCTTCAGGCCTTGTCTCTGCAGAGACCCAGCACCATCCAGACCATGGGCATCAGGCCCTGCA
GAGAGTCCAATGCTTTCAGAAAGGCTTCTCGTATGAGGACGCCCACTGAAGCACCAGAACCCTTTGAG
ACAGAAGCTGCCGCTGGAGCTGAGGCAGCGGCAGTGTGGCAGGAGAGCTGGGTTCTGGAACAGCCA
CTAGGGGCTTTCGTAAGACTGCGGAATCCTATAGTGTGGAGCCTTTACAGAGATGATCTTGCCAGCA
GATTTTTCTGCCTCCTCTTGGGTCTCCACCCTGGGAAGGAGCTACCATGAGATGGGACGGGCAGCTGC
TGTCTCCTCAGTGACCCGCAATTCAGTGGTTCAGTTCGTGGGCAAGCCATCTTCTGACCTTCTGGCA
GCTCTGGATGCCTTCTGCAGGAGGTGACAGCTTACCCCGGGCCGGTGGGACCGGACAGCCCGGATTC
CCCCACCAAAATACCTACCATCTCAGCACAAAAGATCCCTCGAAACTGCAGGAGGTACCAGCCTCTC
CCGACAGAGTGTGCCCTAGCAGAAGACAAGCACCATCACGACCGCACACCCATCCCAGAATTGCAA
AGGACAGGCAGGCTCTTGGGGTCTTATTCAGGACGTGCGCCGGAAGGCATGTTGGTACACCAGTGATT
TCCTGGATGCCCTACACCCCAAGTGTCTCAGCTGTGTTCTACATTTACCTGGCCACAGTACAAAACGC
CATCACTTTTGGGGTCTTCTGGGAGATGCCACTGAAGGTGCCAGGGAGTGTGGAGAGTTTCTGGGC
ACAGCGGTGGCTGGAGCTGCCTTCTGCCTGATGGCAGGCCAGCCCTCACTATCCTTAGCAGCACAGGGC
CAGTGCTGGTATTTGAGCGCCTACTCTTCTTTTAGCAGAGATTACAGCCTGGATTATCTGCCCTCCG
CCTATGGGTGCGCATCTGGGTGACCGCATTTTGCCTGGCACTGGTGGCTACGGAGGCCAGCTTGTGGT
CGCTACTTACCAGATTCACAGAGGAAGGATTCTGTGCCCTCATCAGCCTCATCTTATCTATGATGCCA
TGGGGAAGATGCTGAATTTGATCCGTGCCTATCCAATCCAAGGCCAGGGTCTTCTGCCTATGGTTGCTT
CTGTCAATACCCAGGCACAGGAGAAACAGTCTGAATGGACGAGTGCAAAGCTCAAAGACACAGAGGAC
ATCTTAAGTGTGCCAGGTCTAGTCAATGCTTCTTCTGCCTCCACTGAGTGCATCCGGCAAGGAGGTC
ACCTCTCGGCCCCAGCTGTACACGGTGCCAGACATCGCTTCTTCTCCCTTCTCTTTACTTCT
TTTCTTTGTGCCATTGCTCTAAGCACATAAAGAACAGCCGCTTCTTCCCTCTGTGGTGCGAAGGTG
TTGGGCGACTTTTCTCAGTCTGGCCATCCTGTGGGCTGTGGCCTTGACACCTTCTGGGCTAGCCA
CACCGAAGCTCTTGGTGGCCACAGAATCAAGCCTACACTCTCTGGGCGTGGTGGCTGGTGTCTCCTTT
TGGAGTAACCCCTGGTGGCTGAGTGTGGCCGCTGCCTTGCCCGCTCTACTGCTGAATCCTTATCTTC
ATGGACCAGCAGATCACGGCAGTCATCCTCAACCGTGCAGAATACAGACTGCAGAAGGGAGCTGGCTTCC
ACCTGGACCTCTTCTGTGTGGCTGTTTTGATGCTGTTACATCGGCACTGGGCTGCCATGGTACGCTC
AGCCACTGTCACTCCTTGGCCACATAGACAGTCTTCGGAGAGAGAGCAAAGCCTGCATCCCTGGAGAA
GCCCCAATTTCTGGGCATCAGGGAACAGAGGCTGACGGGCTTGGTGGTGTTCGTCCTTACAGGTGTCT
CCATCTTCTGGCACCTGTGCTCAAGTTCGTGAAGAGAGTGCAGCTATTGTTGATGCCAAGGAAACATCA
GCCAGACATGCTGCTCCTGCGGCATGTGCCTCTGAGCAGAGTTACCTCTTACAGCCATCCAGCTTGCC
TGCTAGGTCTGCTTTGGGTAGTCAAGTCTACCCCTGCAGCCATTGTCTTCCACTCATGTTACTGGGCC
TGGTGGCCATCCGGAAGGCACTGGAGTGGGTCTTCTACCACAGGAACTCCTCTGGCTGGATGAGCTGAT
GCCAGAGGAGGAGGACCATCCCCGAGAACAGGTCCGAGCCAGAGCACTTGTTCAGTGGAAATGACAGT
GAAGATTCAGAACTGATGTATCAGCCCAAGGCTCCAGAAATCAACATCTCTGTGAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_001271545
Insert Size:	2790 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_001271545.1, NP_001258474.1</u>
RefSeq Size:	3092 bp
RefSeq ORF:	2790 bp
Locus ID:	240215
Cytogenetics:	18 B2