

Product datasheet for **MC222400**

Slc4a9 (NM_172830) Mouse Untagged Clone

Product data:

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



Fully Sequenced ORF: >MC222400 representing NM_172830
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGAAGCTGCCAGGGCAGGGGATTTTGAAGCTCTGATGCTCATGAAATGCTCACTCAGAGGAACCGG
 ACAGTGGCCTAGGCCCTGGCCCTGGCCTTAATGGACCCCTCAGGCATAGACATTGGGGAATCTCAGGTGTC
 TAAGGACCCCTCTGCTCTTCATTCAACTAAATGAGCTGCTGGGTTGGCCCCAGGCACTAGAGTGGCGAGAG
 ACAGGCAGGTGGCTGCTGTTTCGAGGAAAAGCTAGACATGGGCGCGGGCCGGTGGAGTGTCTCCCATGTGC
 CTACCCCTGGAATCCCCAGCCTCCAGAAGCTTCAAGTCTGTTGGCCGAGGGCATTGTCTGCTAGACTG
 TCAGGGCTCAGAGCCTCCTGGAGCTTGTGGAGCAGGTAGTCAGTGGGAGTCACTGAGCCCAAGAACTGAGA
 GGACAGCTTCAGGCCTTCTCCTGCAGAGACCCAGCACCATCCAGACCATGGGCATCAGGCCCTGCA
 GAGAGTCCAATGCTTTCAGAAAGGCTTCTCGTGATGAGGACGCCCCACTGAAGCACCAGAACCCCTTGAG
 ACAGAAAGTGGCCGCTGGAGCTGAGGCAGCGGCAGTGTGGCAGGAGAGCTGGGCTTCTGGAACAGCCA
 CTAGGGGCTTTCGTAAGACTGCGGAATCCTATAGTGCTGGAGCCTCTTACAGAGATGATCTTGGCCAGCA
 GATTTTTCTGCCTCCTCTTGGGCTCTCCACCCTGGGAAGGAGTACCATGAGATGGGACGGGCAGCTGC
 TGTCTCTCAGTGACCCGCAATTCAGTGGTCACTTCGTCGGGCAAGCCATCTTCTGACCTTCTGGCA
 GCTCTGGATGCCTTCTGCAGGAGTGACAGCTCTACCCCGGGCCGGTGGGACCGGACAGCCCGGATTC
 CCCACCCCAATACCTACCATCTCAGCACAAAAGATTCCCCTCGAAACTGCAGGAGGTCAACAGCCTCTC
 CCGACAGAGTGCTGCCCTAGCAGAAGACAAGCACCATCACGACCGCACACACCCATCCCAGAATTGCAA
 AGGACAGGCAGTGTCTCAGCTGTGTTTACATTTACCTGGCCACAGTCACAAACGCCATCACTTTTGG
 GGGTCTTCTGGGAGATGCCACTGAAGGTGCCAGAGATTACAGCCTGGATTATCTGCCCTTCCGCTATG
 GGTCGGCATCTGGGTGACCGCATTTTGCCTGGCACTGGTGGCTACGGAGGCCAGCTTGTGGTGCCTAC
 TTCACCAGATTACAGAGGAAGGATTCTGTGCCCTCATCAGCCTCATCTTCATCTATGATGCCATGGGGA
 AGATGCTGAATTTGATCCGTGCCTATCCAATCCAAGGCCAGGGTCTTCTGCCTATGGTTGCTTCTGTCA
 ATACCCAGGCACAGGAGGAAACAGTCTGAATGGACGAGTGCAAAGCTCAAAGACACAGAGGACATCTTA
 AGTGTGCCAGGTCTAGTCAATGCTTCTTCTGCTCCACCTGAGTGATCCCGCAAGGAGGTCAACCTC
 TCGGCCCCAGCTGTACACGGTGCCAGACATCGCCTTCTTCTCCCTTCTCCTCTTCTTTACTTCTTCTCT
 TTGTGCCATTGCTCTCAAGCACATAAAGAAGCAGCCGCTTCTTCCCTCTGTGGTGCGCAAGGTGTTGGG
 GACTTTTCTCAGTCTGGCCATCTGCTGGGCTGTGGCTTGACACCTTCTGGGCTAGCCACACCGA
 AGCTCTTGGTGCCACAGAAATCAAGCCTACACTCTCTGGGCGTGGCTGGTGGTGTCTCTTTTGGAGC
 TAACCCTGGTGGCTGAGTGTGGCGCTGCCTTGGCCGCTCTACTGCTGCAATCCTTATCTTATGGAC
 CAGCAGATCACGGCAGTCATCTCAACCGTGCAAGATACAGACTGCAGAAGGGAGCTGGCTTCCACCTGG
 ACCTCTTCTGTGTGGCTGTTTGTGCTGTTTACATCGGCCTTGGGCTGCCATGGTACGTCTCAGCCAC
 TGTCACTCTCCTTGGCCACATAGACAGTCTTCGGAGAGAGAGCAAAGCCTGCATCCCTGGAGAAGCCCC
 AATTTCTGGGCATCAGGGAACAGAGGCTGACGGGCTTGGTGGTGTCTGCTTACAGGTGTCTCCATCT
 TCCTGGCACCTGTGCTCAAGTTCATCCCGATGCCCGTGTCTACGGCATCTTCTGTACATGGGGGTAGC
 CGCGCTCAGCAGCATCCAGTTCGTGAAGAGAGTGCAGCTATTGTTGATGCCAAGGAACATCAGCCAGAC
 ATGCTGCTCTGCGGCATGTGCTCTGAGCAGAGTTCACCTTTCACAGCCATCCAGCTTGCCTGCTAG
 GTCTGCTTTGGGTAGTCAAGTCTACCCCTGCAGCCATTGTCTTCCCACTCATGTTACTGGGCTGGTGGC
 CATCCGGAAGGCACTGGAGTGGGTCTTCTCACCACAGGAATCCTCTGGCTGGATGAGCTGATGCCAGAG
 GAGGAGGAGACCATCCCGAGAACAGGTCCGAGCCAGAGCACTTGTTCAGTGGAATGACAGTGAAGATT
 CAGAACTGATGATCAGCCCAAGGCTCCAGAAATCAACATCTCTGTGAAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1874_a09.zip

Restriction Sites: SgfI-MluI

ACCN: NM_172830

Insert Size: 2643 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_172830.2 , NP_766418.1
RefSeq Size:	2945 bp
RefSeq ORF:	2643 bp
Locus ID:	240215
Cytogenetics:	18 B2