

Product datasheet for **RN201751**

Slc4a11 (NM_001107775) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc4a11 (NM_001107775) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc4a11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201751 representing NM_001107775
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCACAGAATGAACACTGTCAGGACTCCGGTGAATACTTCTCAGCCGCACTCTGGGATACTTCAAGA
 ATGACACAGATGATAACCTGACGTCGGGAGGACAGCCTGGGGATGAGGTCTTTGACACGCTCAACTC
 CTCATTGTGTCTGGCGAGAGCATCCGTTTTTTGTCAATGTCAACCTTGAAGTGACGCTTCCAATCT
 GACATAGAAGCTGCAACTGGAGGCTGCGTCTTACACACCTCCCGAAGTATCTGAAATTAAGAAGT
 TCGAGGAAGAGGTCGGTGCACACCGTGACCTGGATGGCTTCTGGCCAGGCCAGCATCATCTGAATGA
 GACAGCTACCTACTGGATGATGTGCTCCGAATATGCTAAACCGCTTGGCCAGGACCCCAACCATGCA
 GAGCTGATTGTGACCTGGACCTGCTCATGGCTAAGCTCTTACAGATGCTGGGGCCCCATGGAGAGTA
 AAGTCCACCTGCTGTAGATACCATCCAGGAGTGACCGCCACTGTCAGAGGACTGCAGTACGAGCAGTC
 ATGGCTCTGCATGCTGTACCATGAAGTCCCTACAGAAGCGGCATGTGTGTATCAGCCGCTGGTTCGG
 CCACAGAAGTGGGGGAAAACCTCTGTGAGGTTGCTTTGTATCCTGGTCTGGCCCCACCAAGATGA
 AAAGCACCAAGACTGCGATGGAGGTGGCAGCACATTCGCCACCATGTTCTCCGACATCACCTTCGCCA
 GAAGTCTCTGAAGACCCGCACAGAGGAAGATTCAAGGAGGCTTTGGTGCACCAGAGACAGCTGCTCACC
 ATGATGATGCCAAGAGCAGCCGGGCACAGCATGAGCTCCCTCCATACTCAGACACCCCTCGGCCCCGA
 AATGCAAGGACTTTTTCCCGTTTGGAAAGGCATCTGGGTGGACATCATGCGCAGGTTCCCTGTGTACCC
 GCTGGACTTACGGACGGCATCATTGGGAAAGGCAAGACTGTCCGCAAAATATGTCACCACCAGCTCTTC
 CTCTACTTCGCTGCCTCTTACCGACATTGCTTTGGATCCCTCAACGATGAGAACACAAAACGGAGCCA
 TCGATGTGCAGAAGACCATAGCAGGACAGAGCATCGGAGGCCTCTGTATGCAGTCTTCTGTGGCAGCC
 CCTGGTGATCCTGTTGACAACCGCACCCCTGGCCATCTACACCCAGGTGATCCGGGTCATCTGTGATGAC
 TACAACCTGGACTTCAACGCCTTCTATGCGTGGACAGGCCTGTGGAACAGCTTCTCCTTGCCTTTATG
 CCTTCTCAACCTCAGCCTGCTTATGAATCTCTTAAAGAGGTCAACAGAGGAGATCATTGCTGTTCAT
 TTCCATCAGCTTGTGCTGGACGCTGTCAAGGGCATGGTCAAAATCTTCTGGAAGTACTACTATGGTCAC
 CACTACCACACAAAAGGACTTCTCCTGGCAAGCCTGTTGGGCATTAGCAGAAGCCCCAACACCAGTC
 TCCACTGCCTCAACACCAGCTTCTGGCCAGCCCCATAGAGATGACTACAGCCAGCAGCCCCATCAG
 TACACTCAACACCAGGCTACTGCAGTGTCTCAGCCTCCTCATCATGCTGGGCACACTCTGGCTGGGCTAC
 ACCCTCTACCAGTTCAAGAAAAGCCCTACCTGCACCCATGTGTGCGTGAGACCCTGTCTGACTGTGCC
 TGCTATCGCCGTGCTCTCCTTCTCCCTCATCAGCTCCTATGGCTTCCAGGAAATTGAGATGAGCAAGTT
 CCGGTACAACCCAGCGAGAGCCTTTTTGAGGTGGCACAGATCCACTCTCTGTCTTCAAGGCCATCAGC
 AGTGCCATGGGTCTTGGCTTCTGCTCTCCTTGTCTTTCTTATTGAGCAGAACCCTGGTGGCCGCCCTGG
 TCAATGCACCAGAGAACAGGCTGGTGAAGGGCACTGCCTATCACTGGGACCTCCTGCTGCTTGCATCAT
 CAATACGGGGCTGTCTCTGTTGGGCTACCCTGGATCCACGCCGCTATCCCCATTCCCCTCTGCATGTG
 CGGGCACTGGCCTTAGTGGAGGAACGTGTGGAGAATGGGCACATTTATGAAACGATTGTGAATGTTAAGG
 AGACTCGGCTGACTGCGCTGGTGCCAGTGTCTGGTGGTCTGTCCCTGCTGCTTCCATTCCCCTG
 GCAGTGGATCCCCAAGCCCGTCTATGGACTTCTCTACATTGCGCTGACCTCCCTGGACGGCAAC
 CAGCTCTTCTCACGTGTAGCTCTGCTGCTCAAGGAGCAAACGTCATACCCACCCACACTACATCCGGA
 GAGTGCCCAAAGGAAGATTCACTACTTACGGGCTGCAGATTCTGCAGCTGCTTCTGCTGTGCGTT
 CGGCATGAGCTCCCTGCCCTACATGAAGATGGTCTTCCGCTCATCATGATTGCCATGATCCCAATCCGG
 TATAATCTGTACCCGAATCATTGAAGCCAAGTACTTGGATGTCATGGATGCCGAGCACAGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107775
Insert Size: 2589 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_001107775.1</u> , <u>NP_001101245.1</u>
RefSeq Size:	3039 bp
RefSeq ORF:	2589 bp
Locus ID:	311423
Cytogenetics:	3q36