

Product datasheet for **RN214988**

Slc5a9 (NM_001108974) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc5a9 (NM_001108974) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc5a9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214988 representing NM_001108974
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCAAGGAGCTAGCAGCAATGGAACCTGGAGCTTCAAGGGATGGACTCAGAGCTGAGACAACACACC
 AAGCCCTGGGCTCTGGAGTCAGCCTGCACACCTATGACATCGTGGTGGTGGTCATCTACTTTGTCTTTGT
 CCTTGCTGTGGGAATTTGGTCGTCATCCGCGCAAGCCGAGGGACCATTGGTGGCTATTTCTGGCTGGA
 AGATCCATGACCTGGTGGCAATTGGAGCATCTAATGTCCAGCAATGTGGCAGTGGCTATTTCATCG
 GCCTGGCTGGAACAGGGGCTGCTGGAGGCCTTGTGTGGTGGCTTCGAGTGGAATGCAACTTTTCTGCT
 TCTGGCCCTGGGCTGGATCTTTGTCCCTGTGTACATCGCAGCTGGTGTGGTCACCATGCCACGTACCTG
 AAGAAACGATTTGGGGGCGAGGATCCAGGTGTACATGTCAGTCTGTCTCTACTCTACATCTTCA
 CCAAGATATCGACTGATATCTTCTCTGGAGCCCTTTCATCCAGATGGCCTTGGGCTGGAATCTCTATCT
 CTCACAGTCATCTGCTGGTGGTGGTACAGCTGTCTACACCATTGCAGGGGCTCACAGCTGTGATCTAC
 ACAGATGCTCTACAGACCGTGATCATGGTTGGGGGAGCCCTGGTCTCATGTTTCTGGGCTTTCGGGAGG
 TCGGCTGGTACCCAGGCTTGCAGCAGCTCTATAGACAGTCCATCCCAATGTCACAGTTCCTCAACTAC
 CTGTACCTCCCACGGTCTGATGCCTTCCACATGCTTCGAGATCCTGTGAACGGGGACATCCCCTGGCCA
 GGTCTTATTTTTGGCCTCACAGTCTTGGCCACCTGGTGTGGTGCACGGACCAGGTGATTGTGCAGAGGT
 CTCTCTCGGCCAAGAGTCTTTCACATGCCAAGGGAGGATCAGTGTAGGGGGCTACCTAAAGATCCTCCC
 AATGTTCTTCATTGTGATGCCCGCATGATCAGCAGGGCCCTGTACCCAGATGAAGTCGCTGTGTGGAC
 CCTGACATCTGTGAGAGTGTGTGGGGCAGAGTTGGATGCTCCAATATTGCCTACCCAAACTTGTTA
 TGGCTCTCATGCCTGTGGTCTGCGAGGCCTGATGATTGCCGTGATCATGGTGCCTCATGAGCTCACT
 CACCTCCATCTTCAACAGCAGTAGCACCCCTGTTTGCCATAGATGTGTGGCAGCGAGTCCGACGGCAGGCA
 TCGGAGCAAGAGCTGATGGTGGTAGGCAGTGTGTTGTAGTCTTCTGGTACTCATCAGCATCCTCTGGA
 TCCCCATCATCCAGAGCTCCAATAGTGGCAGCTCTTGGACTACATCCAATCCATCACCAGCTACCTAGC
 CCCGCCATCACAGCCCTCTTCTGCTGGCCATCTTCTGCAAGAGGGTCACTGAGCCTGGTGCCTTCTGG
 GGCCTCATGTTTGGCCTGGTAGTGGGAATACTGCGTATGATTCTGGAGTTCTCATACTCAGCCCCAGCCT
 GTGGGGAGAAGGACAGGGCGCCAGCTGTTCTTAAGGACTTCCACTACCTGTACTTTGCCCTCCTCCTCTG
 TGGACTTACCGCCATCATATTGTGATAATCAGCTTCTTACGGAGCCCATCCCCGACGAAAAGGCAAGT
 TCTTGCTCGCCTGACCTGGTGGACAAGGAGCTGTCCCATAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108974
- Insert Size:** 1725 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:

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_001108974.1](#), [NP_001102444.1](#)

RefSeq Size: 3398 bp

RefSeq ORF: 1725 bp

Locus ID: 366441

Cytogenetics: 5q35