

Product datasheet for **RN217036**

Slc9a9 (NM_001271438) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc9a9 (NM_001271438) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc9a9
Synonyms:	RGD1560736
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217036 representing NM_001271438
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGGCAGCTTCGGCTTACGTGAGGAAGGATGAAGATCATTTTCAACACCAGGGAGCAGTGGAGC
 TACTCGGTTTTAATTTTTGCTCATCCTTACCATTTTAAACAATCTGGTTATTTAAAAATCATCGATTCCG
 CTTCTTGCATGAGACTGGAGGGCGATGGTGTATGGCCTCATAATGGGATTAATTTTGGCATATGCCACA
 GCGCCAACTGATATCGATAGTGGCACTGTCTACAATTGTGAAAAGTTACTCTTCAGCCCACTCAACTCTAC
 TAGTCAACATCACTGACCAAGTTTATGAATACAAGTACCAGAGAGAAAACAACCAGCACAAATCAGCCC
 CCACCAAGGCAATGCTATACTGGAGAAGATGACGTTTGACCCGGAAATCTTCTCAATGTCTTACTACCT
 CCCATTATATTTATGCAGGATACAGTCTGAAGAAGAGGCACTTTTTTCAAACCTGGGATCCATTTTAA
 CGTATGCCTTCTGGGAACAGCCATCTCCTGTGTGGTCATAGGGTTAATTATGTATGGCTTTGTGAAGGC
 CATGGTGCACGCTGGCCAGCTGAAGAGCGGAGACTTCCACTTCACTGACTGTTTGTTTTTGGTTCACTG
 ATGTCTGCTACAGATCCAGTGACAGTGTGGCCATTTTCCATGAGCTACAGTGGACCCTGACCTGTACA
 CACTGCTGTTGGGGAGAGCGTCTGAATGATGCGGTGGCCATAGTCCTCACATACTCTATATCCATCTA
 TAGTCCCAAGGAGAATCCCAACGCGTTTGACACGGCAGCGTTCTTCCAATCTGTGGGCAATTTCTGGGG
 ATCTTTGCCGGCTCCTTTGCGATGGGCTCTGCATACGCAGTTGTACAGCACTGTTGACCAAATTTACCA
 AGCTCCGTGAGTTCCCAATGCTGGAGACAGGCCGTGTTTTCTGCTTCTTGGAGTGCCTTCTGTCTGC
 CGAGGCCGCCGGCTTAAACAGGCATAGTTGCGGTTCTTCTGTGGAGTCACTCAAGCACATTACACCTAC
 AACAACTGTCTATCGGATTCAAACTGAGGACCAACAGCTGTTTGAATTTATGAACTTCTGGCTGAGA
 ACGTCACTTCTGCTACATGGCCTGGCTCTGTTACCTTTTCAAGATCACATTTTCAATGCTTTTTTAT
 ACTCGGAGCCTTTCTAGCAATTTTTGTGCGCAGGGCCTGCAACATTTACCCCTCTCCTTCTCCTGAAT
 CTGGGCAGAAAGCAGAAGATTCCCTGGAACCTCCAGCACATGATGATGTTTTTTCAGGTTTTCGAGGTGCAA
 TTGCCTTCGCCCTGGCCATCCGCAACACGGAATCTCAGCCTAAACAGATGATGTTACCACCACACTGCT
 CCTCGTGTCTTCACTGTCTGGGTGTTTCGGAGGAGGAACGACCCCATGCTGACATGGCTTCCAGATCAGA
 GTCGGTGTGGACTGGATGAAAGTTTGAAGGAAGGCCCTCTCACAGCAGGAAGCAAATAAGGTGGATA
 AAGACATGACGAAGACAGAGAGTGCACAGCTCTCAGGATGTGGTACGGATTTGACCACAATACCTGAA
 ACCCATCTTAACACATTCGGCCCTCCACTGACCACCAGTTGCCGCATGGTGTGGCCAGTCTCCAGG
 CTGCTCACCAGTCTCAGGCCTATGGGGAACAACCTGAAAGAGGATGATGTGGAATGTATCGTCAACCAAG
 ATGAACTCGCCATGAATTACCAGGAGCAGAGCCCACTTCCAGCAGTCCCTGCCACAAAGCTAGCTCTGGA
 CCAGAAGTCTTACGGCTGACTTTAGGGAAGGAAAACATCTACGAGGGAGACCTCGGCCTCGGAGGCTAT
 GAACTCAAACCTGGAGCAGACTCGGGGTCAACCCAGATGGACTAA

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001271438

Insert Size: 1935 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_001271438.1, NP_001258367.1</u>
RefSeq Size:	3476 bp
RefSeq ORF:	1935 bp
Locus ID:	363115
Cytogenetics:	8q31