

Product datasheet for **RN209567**

Slc9a3 (NM_012654) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc9a3 (NM_012654) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc9a3
Synonyms:	Nhe3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209567 representing NM_012654
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGCACCCGGCTCTGGGACCAGGGTGAAGCCGCTGCTGGCGCTGGCCGTGACCAGCCTGC
 GAGGCGTGAGGGCATTGAGGAGGAACCGAACAGTGGTGGGAGCTTCCAGATAGTCACCTTCAAATGGCA
 CCACGTCCAGGATCCATACATCATCGCACTCTGGATCCTCGTGGCCAGCTTGGCCAAAATCGTCTTCCAT
 CTGTCCCAACAAGGTCACCAGTGTGTCCCGGAGAGTGCTGCTCATCGTTCTGGGCTGGTGTGGGCG
 GCATCGTCTGGGAGCTGACCACATCGCCTCCTTACACTCACACCCACACTCTTCTTCTACCTGCT
 GCCCCTATTGTGTGGATGCTGGGTACTTCATGCCCAATCGACTCTTCTTTGGCAACCTGGGCACCATC
 CTGCTATATGCTGTCATTGGCACTATATGGAACGCAGCTACCACAGGATTGTCCCTCATGGTGTCTTCC
 TCAGTGGCCTGATGGGCGAACTGAAGATCGGCCTCCTGGATTTCTGCTATTTGGCAGCCTCATTGCAGC
 TGTGGACCCGGTGGCTGTGCTGGCTGTGTTTGGAGAAAGTCCATGTCAATGAAGTCTGTTTCATCATTGTT
 TTTGGGGAGTCACTGCTTAATGACGCGGTGACTGTGGTCTGTACAATGTGTTTGGTCTTTCTGTCAGCG
 TGGGTGGTGTGAGTACTGGCGTGGACTGTGTGAAAGGCATAGTGTCTTCTCGTGGTGGAGCCTGGG
 GGGCACTCTGGTGGGTGTGATCTTCCGCTTCTGCTGTCTTGGTACTCGTTTACCAAGCATGTGCGT
 ATCATCGAGCCTGGCTTCTGCTTTTGTGCTTCTACCTGTCTATCTGACCTCCGAGATGCTGTCTTGT
 CAGCCATCTGGCCATCACCTTTTGTGGCATCTGCTGTGAGAAGTACGTGAAGGCCAACATCTCAGAGCA
 GTCGGCCACCACCGTGCCTACACTATGAAGATGCTGGCAAGTGGAGCAGAGACCATTATCTTATGTTT
 CTGGGCATCTCGGCTGTGGACCCCGTCACTGACATGGAACACAGCTTTTGTGTTGCTGACACTGGTGT
 TCATTTCTGTATACCGAGCCATTGGTGTGTTTCTGCAGACCTGGATCTGAATCGTACCCGATGGTGTCA
 GCTAGAGACCATTGACCAGGTGGTGTGCTTACGGTGGCTGCGTGGGCGAGTGGCCTATGCCTTGGTG
 GTACTTCTGGATGAGAAAAAGTCAAGGAGAAAAACCTGTTTGTGACACCACTCTCATTGTGGTCTTCT
 TCACAGTCATCTTTCAGGGCCTGACCATTAAGCCCTGGTGCAGTGGCTGAAGGTGAAGAGGAGCGAGCA
 GCGTGAGCCGAAGCTCAACGAGAAGCTGCATGGCCGGGCTTTCGACCACATCCTCTCAGCCATTGAGGAC
 ATCTCAGGACAAATTGGACACAATTACCTCAGAGATAAGTGGTCCAATTTTATAGGAAGTCTCAGCA
 AAGTCTCATGAGAAGATCTGCTCAAAAATCTCGAGATCGGATCCTGAATGTTTTCCATGAGCTGAATTT
 GAAGGATGCCATTAGCTATGTGGCCGAGGAGAGCGCCGTGGTCCCTGGCCTTCTCCTCCCAAGT
 ACGGACAATATGGTCAATGTGGACTTACGACACCCCGCCATCTACAGTGGAGGCATCCGTCTCCTATT
 TCTTGAGGGAAAATGTCAGTGTGTATGCTGGACATGCAGTCCCTTGAACAGAGGCGGAGGAGCATCCG
 TGACACCGAGGACATGGTCACCCACCACAGTTGACAGCAGTACCTCTACAAGCCTCGGCAGGAGTACAAG
 CATCTCTACAGTCGGCACGAGCTCACACCAATGAGGATGAGAAGCAGGACAAGGAGATCTTCCACAGGA
 CCATGCGGAAGCGCTGGAGTCTTTAAGTCCGCTAAGCTGGGCATCAACCAGAACAAAGAAGGCAGCCAA
 GCTATATAAGAGGGAGCGCGCACAGAAGCGGAGGAATAGCAGCATTCTAATGGGAAGCTGCCTATGGAG
 AATCTGGCACACAACCTCACCATCAAGGAGAAAGATTTGGAACCTTTCAGAGCCTGAGGAGGCCACCACT
 ATGAAGAGATCAGTGGAGCATTGAATTTCTGGCCAGCGTCACCAAGATGTAGCCTCTGACTCTGGGCG
 AGGAATTGATAATCCTGTGTTCTCCCTGACGAGGATCTGGACCAAGCATCCTATCCAGGGTGGCCACCC
 TGGCTGTCCCCTGGGAGACTGTGGTGCCTCCAGAGGGCCCGTGTCCAGATTCCCAACTCTCCAGCA
 ACTTCCGCGCCTGACTCCATTCCGCTCAGCAACAAATCAGTGGATTCTTCTGACAGGCTGATGGCC
 CGAGGAACAGCTCCAACCCGCTTCCCTGAGTCCACACATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012654
Insert Size: 2496 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:	NM_012654.1 , NP_036786.1
RefSeq Size:	5153 bp
RefSeq ORF:	2496 bp
Locus ID:	24784
UniProt ID:	P26433
Cytogenetics:	1p11
Gene Summary:	displays Na ⁺ /H ⁺ exchanger transport activity; mediates sodium ion transport across the renal proximal tubule [RGD, Feb 2006]