

Product datasheet for **RN201583**

Slc39a9 (NM_001034929) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc39a9 (NM_001034929) Rat Untagged Clone
Tag: Tag Free
Symbol: Slc39a9
Synonyms: MGC125246
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201583 representing NM_001034929
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATGACTTTCTCTCCATTAGTCTGCTGCTTTGGCAATGTTGGTGGGATGTTACGTGGCTGGAATCA
TTCCTTTGGCTGTTAATTTCTCAGAGGAACGGCTGAAGCTGGTACTGTGTTGGGTGCTGGCCTTCTCTG
TGGAACTGCACTGGCAGTCATCGTGCCGGAAGGGGTGCATGCACCTTATGAGGAGGTCCTGGAGGAAAA
CACCACCAAGCCAGTGAAGCGAAGCAGAATGTGATTGCATCAGACAAAGCAGCAGAAATACAGTTGTCC
ATGAGCATGAGCACAGCCACGACCACACAGCTGCATGCCTACATTGGTGTGTCCTGGTACTGGGCTT
CGTTTTTCATGTTGCTCGTGGACCAGATTGGCAGCTCCCATGTGCATTCCACTGACGATCCAGAATCAGCA
AGGCCACGAGTCCAAAATCACCACCACACTGGGGCTGGTGTCCATGCTGCAGCTGATGGTGTAGCTT
TGGGAGCAGCAGCCTCTACTTCACAGACCAGTCCAGTTAATTGTGTTTCGTGGCAATAATGCTACATAA
GGCTCCAGCAGCATTGGGCTGGTTTCTTCTGATGCATGCTGGCCTGGAGCGGAATCGAATCAGAAAG
CACTTGCTGGTCTTTGCACTGGCAGCACCAGCCATGCCATGCTGACGTACTTAGGATTAAGTAAGAGCA
GTAAAGAAGCCCTTTCAGAGGTCAATGCCACTGGAGTGGCCATGCTTTTCTGCGCGGACATTTCTTTA
CGTTGCCACCGTCCATGTCCTCCCTGAGGACACCAGCACTAACAGTCCAGGTTCCAGCCTCAGTCCACGG
CCATTGCCATCGGGGAAGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001034929
Insert Size: 864 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_001034929.1</u> , <u>NP_001030101.1</u>
RefSeq Size:	1538 bp
RefSeq ORF:	864 bp
Locus ID:	314275
UniProt ID:	<u>Q3KR82</u>
Cytogenetics:	6q24
Gene Summary:	May act as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function]