

Product datasheet for **RN203643**

Slc36a3 (NM_001024764) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc36a3 (NM_001024764) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc36a3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203643 representing NM_001024764
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAAGACACCTCTGCTTAGAGAAGATGGCAGGTGTCAGCGGAATACGTTTGGTGGGTCCAAGGCCT
 CGTCAAAAGGCAGCAGCAGCAGCAGCAACAACACTGTCTCCTCAAAGAAGAAACCTCGCAGGAAAGC
 TGATGCACTAATGTTTATACAAATCTTTATCCACCTGTTGAAAAGCAACATTGGCACAGGCTTCCTGGGA
 CTTCCCTGGCTGTAAAAATGCTGGATTGTTGGTGGGGCCTGTCAGCCTCTTAGCCATCGGAGCGCTCA
 CAGTGCCTGTATGGATATCCTGCTGAAGTGTGCTGCCATCTCACTTCGAGATTGCAGAGGAGTTTGT
 GAACTATGAAGAGACCACAATGTACAGCCTGGAGACATGCCCAAGTCCTGGCTGAGGACGCACTCTGTG
 TGGGGCAGGTACGTCGTAAGCTTCTGCTCATCGTCACTCAGTGGGCTTCTGCAGTGTACTTTCATGT
 TTATGGCAGACAATTTACAACAGATCGTGAAGAAGCTCACTTCACCTCCAATGTCTGCCAGCCTAGGCA
 GAGCCTGGTGATGACGTCCATCCTGGACTCGCTTCTATATGCTCACCATCCTGCCCTTCTCATCCTT
 CTGGTACTCGTCCAGAACCACAGGTGCTGCCATCTTCTACCTTGGCCACCATCACCACCCTGAGCA
 GCCTGGCTCTGATCTTCGAGTATCTCATCCAGATCCCACACCATAGCCACCTGCCCTGGTTGCAAGCTG
 GAAGACTTTCTTGTGTTCTTTGGCACAGCTATCTTACCTTTGAAGGCGTGGGGATGGTTCTGCCTCTC
 AAAAGCCAGATGAAGAGCCCACAGCAGTTTCCCGCCGTGCTCTATCTGGGGATGTCCTTTGTCATCTTC
 TCTACATCTGCTGGGGACTCTGGGCTACATGAAGTTTGGTGCAGACACCAGGCCAGCATCACCCTCAA
 CTTGCCAATTGCTGGCTGTACCAAGTCAAGTCAAGTGTACTCTGTGGGCATCTTCTTACCTATGCC
 CTCCAGTCCACGTCCCGGCTGAGATCATCGTCCCCTACGTCGTCGAGAGCGTCTGAGAACTGGGCTC
 TGTTTCATAGACCTGACCGTCCGCGCAGCCTTGGTCTGCCTGACCTGTTTCTCAGCCGTTCTCATCCCCG
 CCTGGACCTGGTATCTCCCTGGTGGGCTCTGTGAGCAGCAGTGCCTGGCCCTCATCATCCCTCCATTG
 CTGGAGATTGCCACGTTTTACTCTGAGAACATAAGCTGTACGACCATTGCCAAGGACATCATGATCAGCA
 TCCTGGGCTCTTAGGATGTGACTTGGGACGTACCAAGCCCTCTACGAGATGACCCAGCAGAGCCGTTT
 TCCCATGCTCAACTCTACAAATGTCACACATA**AA**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001024764
- Insert Size:** 1434 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_001024764.1, NP_001019935.1
RefSeq Size: 1751 bp
RefSeq ORF: 1434 bp
Locus ID: 303148
UniProt ID: Q4V8B1
Cytogenetics: 10q22