

Product datasheet for **RN208244**

Slc46a3 (NM_001024968) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc46a3 (NM_001024968) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc46a3
Synonyms:	RGD1307594
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208244 representing NM_001024968
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGATCTCATTTCATCGAGCCCGCCATTCTCCTTTACGCCCTTGTATGACGCTGACCATCCCGCTGA
 CAGCGCAGTATGTGTACGGGAGGATATGGGAAGAAACCGGTAACCTACACCTTTACCTCCAGTAGCAATGT
 CTCTGAATGCGAGCAAAAACAAAGCAGTTCCACCTTTGCATTCCAGGAGGAAGTTCAGAAAAAGGCATCT
 CTCTTCAGCCTGCAGGTGAAATAAGTGGGTTAATTCCTGGTCTAGTGTCTACCTTCATGCTTTTATCGA
 GTAGCGACAACCACGGACGGAACCTCCCATGGTCTGTCATCTTTGGCTCTCTGGGAACCAACCTTTG
 GCTGTGTGCGATGCTCTACTTTGACCTTCCCTCCAGCTTCTGGTAGCATCCACCTTTATTGGCGCCCTC
 TTTGGGAATTACACCAGTTCTGGGGAGCTTGCTTCGCCTACATTGTGGATCAGGAGAAAGAATAACAAGC
 ACAGAATCATCCGCATAGCCGCTCGGATTTTATGCTGGGAGTCGTTACTGGGCTAACAGGCCTGTCGTC
 TGGCTATTTTCATCCGAGAGCTGGGTTTTGCGTGGTCTATTTTCATTATTGCCGTAGTTGTTCTAGTCAAC
 CTGGCCTACATTCTATTTTTCTCAGTGATCCCATAAAGGAGTCTTCATCTCAGATAGTCACTATGTCCT
 GTAGTGAAGCCCTCAAGGACCTATTTTACCGGACTTACATGCTGTTTAAAAATGGTTCCTGTAAGCGGCG
 TTCTTTGCTCTGTCTGCTGATTTTTACCCTTGTGCTATTTTTTTGTGGTCTTCGGCATCACCCGGTT
 TTCACACTCTATGAGCTGGGCTCCGCTCTGCTGGAATGAGGTCTACATAGGCTATGGCTCAGCTTTGG
 GCAGCCTCTCCTCTGAGTAGTTTCTGGGCACTGGCTGTTCTTACTGTTGAAGGATTTACACAT
 CGCCTATGTCGGCATTTTTACCACGATGGTGGGAATGATGCTCACCGCCTTACCAGGACCCTCTGATG
 ATGTTTTTAGTCCGAATATCGTTCTTTTACCACATCATGCCACTTCCATTCTGAGGTCCATGCTGCAA
 AGGTGGTCCACTCAACGGAACAAGGTGTGCTGTTGCTTGCATAGCTTTCTTAGAAACGCTTGGCGGCGT
 CACTTCGACCTCGCGTATAATGGGATTTATTCAGCCACTGTTGCCTGGTACCCTGGGTTGCTCTCCTG
 CTGTCCGCTGGCCTCTGGTCTCCAGCCGTCAGTCTCTGCATGGTCAAATGCATTGGCTGGGAAGAGG
 GAAGCTATACACTGCTCATCCATGACGAGCCAGTGAGCACACATCAGACTCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001024968
- Insert Size:** 1386 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_001024968.1](#), [NP_001020139.1](#)
RefSeq Size: 2564 bp
RefSeq ORF: 1386 bp
Locus ID: 288454
UniProt ID: [Q5BK75](#)
Cytogenetics: 12p11