

Product datasheet for **RN211310**

Slc43a3 (NM_001107743) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc43a3 (NM_001107743) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc43a3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211310 representing NM_001107743
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGAGCCAGCTGCCCTTTACTTGGCCACCTTCTTGACTGGGCTGCTGGAATGCATCGGTTTTGCTG
 GTGTCCTTTGGCTGGACCTCACTGTTGTTTGTGTTCAAAGCAGAAAATACTTCTTAAAGCCCTGTGA
 ACAGGACTGCGTGCTCGGGGCAATGCAACAGGCCTCCCTGACCTCAAAGCTCAGGATGAGAAGTTCTCC
 CTCATCTTACCCTGGCATCCTTCATGAACAATTTATGACCTTCCCCTGACTGCTACATCTTTGACCGCT
 TCAAGACTGCTGTGGCCCGCTGTAGCCATATTTTTCTACACCTGCGCCACACTCATCATTGCGTTAC
 CTCTGCAGACACTGCCATGTTGCTTCTCTGGCCATGCCTATGCTTGCAGTGGGAGGAATCCTGTTCTC
 ATCACCAACTACAGATTGGGAATCTCTTTGGCAAACACCGTTCAACCATTATCACCTTCTACAATGGAG
 CATTGACTCCTCCTCAGCAGTGTCTCATCATTAAACTTCTTTATGAGCAGGGAAATCAGCCTCAGGCA
 CTCCTTCACTTCTGTCTGTCTGCAGTGCCTGGCATGTTGGGCGTACTTCTTCTGTATGCCTCGGGGA
 CATATCCCTACCACTGCCTCCCAACTATAGCTATGGCTTGTGCTCCAGGTTCTGTACCAGGAAGGAAG
 AGAATGAGGCAGCTGAACATGAGACCAAGGAGTTGCAGTCAAGGGAATGTGAGTACCAAAGGAAGAGAA
 CTCTGGACCAGAGC
 TCCTTCCGACGCTGCGTGTCTCTCACCGATTCACTTGCATGTGGTGTGGCTGTCCATCATACAGTTGT
 GGCATTACCTCTTATTGGTACTCTCAACTCTCTCCTACCAAGTTGGCTGGTGAGGATAGTGTGAAAGT
 CAGTGCCTACACAAATGCCTTTGCCATCACCAATTTTTGGCGTGTGTGTGCCCTGGAAACGGCTTA
 CTCATGGACTGCCTTAAACAGAAGTATCAGAAGGAAGCCAAAAGGACAGGTTTGCCTCTGAGGCTGTGG
 CTCTGTCTCCATGGTGCCTTCGCTGGCCCTGACGTCTCTCCTGTCCCTGGGCTTACTCTGTGTGCCTC
 CATTCTGTATAGAGCTCCAGTACGCCACCTTCATCCTGCAAGTGGTCAAGCCGCTCCTTTCTGTACGGG
 TGAATGCCGCCCTTCTCACACTGGCTTTTCCCTCAGAGCATTTTGGAAAGCTCTTTGGTCTGGTATGG
 CCTGTGCGCTATTGTGTCTCTGTTGCAGTTCCTCCTGTTCAAAGTCTCCCGGAGAGCAAAGCTGTATA
 TGTGTCGATGGGCTTGGCATTCTGACATTGGTCCATCCCTTCTGGTGTACCGTGTGAGTCCCGTGT
 GAGAAGACAAAACCATCAGTGGACGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107743
- Insert Size:** 1500 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_001107743.1](#), [NP_001101213.1](#)

RefSeq Size: 2030 bp

RefSeq ORF: 1500 bp

Locus ID: 311170

Cytogenetics: 3q24