

Product datasheet for **RN208693**

Slc43a2 (NM_001105812) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc43a2 (NM_001105812) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc43a2
Synonyms:	RGD1305819
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208693 representing NM_001105812
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGCCACCCTGGCCACTGCCCATCGGCGCCGCTGGTGGATGGCCTGCACTGCTGTGTGGAAAACC
 TCCTCTTCTCGGCAGTCCCTCTGGGCTGGGGTTCGCTGCTCATCATGCTCAAGTCGGAGGGCTTTTACTC
 CTACCTGTGTACGAAACCAGAGAATGTCACTAACGGCACAGTCGAGAGCACTGCAGAGCCGGAGCACGAA
 GAGGTGAGCCTAGTGAATGGCTGGCTCAGCTGCAAGGCCAGGATGAGATTCTGAATCTGGCATTACCCG
 TGGGCTCCTTCTGCTCAGTGCCATCACCTGCCTCTGGGCATCATCATGGACAAGTATGGTCCAAGGAA
 GCTCAGGCTGCTGGGAGTGCCTGCTTTGCTGTTTCTGCTTGTGATTGCATATGGAGCAAGTAACCCA
 GACTCGCTCTCTGTGCTCATCTTTATCGCCTTGGCTCTGAACGGCTTTGGGGGATGTGCATGACGTTTA
 CTTTATTAACACTGCCAATATGTTGCGTGACCTTCGGTCCACATTTATTGCCTTGATGATCGGATCCTA
 CGCTTCTCAGCAGTTACCTTCCCGGAATCAAGCTCATCTATGACGCTGGGGCCTCCTTCATCGTCATC
 CTAGTGGTCTGGGCTGGCTGCTCTGGCCTGGTTTTCTCAACTGTTTCTCAACTGGCCACTAGAGCCCT
 TCCCAGGACCAGAGGACATGGACTACTCGGTGAAGATCAAGTTCAGCTGGCTAGGCTTTGACCACAAGAT
 CACAGGGAAGCAGTTCTACAAGCAGGTGACCACAGTGGGGCGCCGGCTGAGCGTGGGCAGCTCCATGAGG
 ACTGCCAAGGAGCAAGCTGCCCTGCAGGAGGGCCACAAGCTGTGTCTATCCACCGTGGACCTGGAGGTTA
 AGTGCCAGCCGGATGCTGCAGCAGCCCCCTCGTTCATGCACAGTGTGTTGAGCCCCATCCTGCTGCTCAG
 CCTGGTCACGATGTGTGTACACAGCTACGACTCATCTTCTACATGGGGGCCATGAACAGCATCCTTGAG
 TTCCTGGTCAGCGGGGACCAGAAGACAGTTGCCCTCTACACCTCCATCTTCGGCGCACTCCAGCTGCTCT
 GCCTGCTGACGGCTCCTGTCATCGGCTACATCATGGACTGGAGGCTAAAAGAGTGTGAAGATACTTCTGA
 GGAGCCTGAGGAGAAAGATGGCGCTCAAGGTGAAAAGAAGCAGAAGCGAGACAGGCAGATTACAGAAAATC
 ACCAATGCCATGCGGGCCTTCGCCTTTACGAACGTGCTGCTCGTGGGTTTTGGGGTAACCTGCCTCATTC
 CTAATCTGCCTCTACAGATCTTCTCCTTCGTCTGCACACAATTGTGCGAGGATTCATCCACTCTGCCGT
 AGGGGGCCTATATGCTGCCGTGTACCCCTCCACACAGTTCGGTAGCCTCACAGGACTGCAGTCCCTGGTC
 AGTGCACCTTTTCTCTCTACAGCAGCCACTGTTTCTGGCCATGATGGGGCCTCTCGGAGGAGATCCTC
 TGTGGGTGAACGTGGGTCTGCTTGTGCTGAGCATGCTGGGTTTCTGCCTGCCACTTTACCTGATTGCTA
 CCGGCGCCAGCTGGAGAGGCAGTTTACGAGAGGAGGGAAGACAGCAAGCTGTTCTTAAGATCAATGGC
 TCATCCAACCGGAGGCCTTCGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001105812

Insert Size: 1707 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_001105812.1](#), [NP_001099282.1](#)

RefSeq Size: 4492 bp

RefSeq ORF: 1707 bp

Locus ID: 287532

Cytogenetics: 10q24