

Product datasheet for **RN208249**

Slc5a4 (NM_001106383) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc5a4 (NM_001106383) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc5a4
Synonyms:	Slc5a4a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208249 representing NM_001106383
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGCCATGGGAACAGCACTGCCTAGACCCATGGCCAGCACAGCGAGTGTGACACCAGCACCCGGAA
 GCTCAGAGCTGTCTTCACTGTCAGACAACATCAATAATCCTGCTGATATCTCTGTCATTGTCATCTACTT
 TGTGGTGGTGATGGCTGTTGGAGTGTGGCAATGGTGAAGACAAACCGAAGCACTGTTGGAGGATTCTTT
 CTGGCTGGTGCATCTATGACTTGGTGGCAATGGGCGCCTCTCTGTTCCGACGCAACATTGGCAGTGGTC
 ACTTCGTGGGCTGGCTGGGACAGGTGCAGCTACAGGAATCGCAGTACACAGCGTTTGGAGTACACTCATT
 TGCCTTGTGCTGGTGTGGGGTGGTTTTTTTGTCCCATTTACATCAAGGCTGGGGTGTGACCATGCCA
 GAATACCTCAGGAAGCGCTTTGGTGGCAAGAGACTGCAGATCTACCTCTCCGCTCTCCCTCTTCATTT
 GCGTGATACTGACGATCTCAGCAGACATATTTTCTGGAGCCATCTTCATAAAGCTGGCTTTGGGGCTGGA
 CCTCTACCTGGCGATCTTCATCCTCTGGCTATCAGCCGCTTCCACCATACCGGGGGCTTGGCCTCT
 GTGATTTACACTGACACCTCCAGGCCATCATCATGTTGGTTGGATCCTTCATTCTCATGATATACGCAT
 TTGTTGAAGTCGGAGGCTACGAGAGCTTACAGAGAAGTACATGAATGCCATCCCCTCTGTGGTGGAGGG
 GGACAACCTGACGATCAGCCCAAGTGCTACACCCCTCAGCCGGACTCCTTCCACATCTTCCGAGACGCT
 GTCAGTGGAGACATCCCCTGGCCGGAACGGCATTGGAAATGCCTATTACAGCGTTGTGGTACTGGTGCA
 TAAACCAAGTCATTGTACAGCGCTGCTTGTGTGGCAAGAACATGTCCACGTGAAGGCCGCTGCATCGT
 GTGTGGTACCTGAAGCTGCTGCCCATATTTCTCATGGTGTGCGGGGATGATCAGCCGCATCCTGTAC
 ACAGATGGTAGCCTGCGTTGTGCCTCCGAGTGTGAAGCAGTGTGGTGTGATGTTGGTGCACAA
 ACTATGCCTACCGATGCTGGTGTGAACTGATGCCCATGGGACTGCGAGGCCTGATGCTGTCGGTCAT
 GTTGGCTTCTCATGAGCTCCCTGACCTCCATCTTCAACAGCGCCAGCACCTGTTACCATGGACCTC
 TACACCAAGATAAGGAAGAAGGCATCAGAGAGAGACTTCTCATAGCTGGACGGCTGTTTGTCTCCGTGC
 TAATTGTTACCAGCATCTGTGGGTCCCATCGTAGAAGTATCTCAAGGTGGACAGCTGATCCACTATAC
 AGAAGCAATTTCCAGCTACCTTGGGCCCCCATTCAGCCGCTTCTCTGGTCGCCATCTTCTGTAAAAGA
 GTCAATGAACAAGGAGCCTTCTGGGCTGATGGTTGGACTGGTGTGGTCTTATCCGTATGATCGCAG
 AGTTTTCTACGGGACAGGGAGTGCCTGGCTCCAGCAGCTGTCCCAAGGCATCTGTGGAGTACACTA
 TCTGTACTATGCCATCATCCTCTTTTCTGTCTATACTGGTTATCCTGGGAGTTTCTACTTAACAAA
 CCCATTCCGATGTGCATCTGTATCGCCTGTGCTGGAGTCTTCGGAACAGTGAAGAGGAAAGAATCGATT
 TAGATGCAAGAAGACAGGGAGGAGAACGAGGCCGATGCCAGGACTGAAGAAGACCAACCGGAGAACTCG
 TGGATGCTCAAGAAGACTTATGACCTATGCTGTGGTTTGCAAAGAGCGGAACCCAAAGCTGACTAAAGAG
 GAGGAAGAAGCCCTGAAGAAGAAGCTGACAGACACATCCGAGAAGCCCTTCTGGCGGACGGTCGTGAACG
 TCAATGTCATTGCTCTTGGCCGTGGCGGCTTTTTTCTATGGCTATTTTGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106383
- Insert Size:** 2016 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_001106383.1](#), [NP_001099853.1](#)

RefSeq Size: 2079 bp

RefSeq ORF: 2016 bp

Locus ID: 294341

Cytogenetics: 20p12