

Product datasheet for **RN203331**

Slc5a10 (NM_001107007) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc5a10 (NM_001107007) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc5a10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203331 representing NM_001107007
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTGACAACCTCCACTGGGGACATCCATGCTCCAGGATCCCAGCTGAGCACCAGTGACATTATTGTCA
 TCTCTCTATATTTTGCCTTGAATGTGGCCGTGGGCGTATGGACGGCTTGTCTGGGCCAACAAAGAACACAGT
 GAGCGGCTACTTCTAGCAGGCCGGGACATGGCTTGGTGGCCGATTGGAGCCTCACTCTTCGCAAGCAGT
 GAGGGCTCTGGCCTCTTCATAGGATTGGCAGGCTCGGGCGCCGCTGGAGGCCTGGCTGTGGCAGGCTTTG
 AGTGGAATGCCACATATGTGCTTTGGCGCTGGCATGGGTATTTGTACCCATCTACGTATCTTCAGAGAT
 TGTACCTTGCCTGAATACATTAGAAGCGCTTCGGTGGCCAGCGCATCCGCATGTACTTATCTGTCCTA
 TCACTGTTGCTGTCTGTCTTACCAAGATATCGATTGACCTGTACGCAGGAGCCCTGTTTGTCCATATCT
 GTCTGGGCTGGAACCTTCTACCTGTCCACCATCCTCACGTTGGCAATTACAGCCCTGTACACCATTGCAGG
 GGGCCTGGCCACCGTGATATACACAGATGCCCTGCAGACGGCCATCATGGTGGTGGGTGCTGTCATTCTG
 GCAGTCAAAGCTTTCAACCAGATTGGTGGCTATGAGCAGCTGGAGCGGCATATGCCAGGCCACCCCGT
 CCAGGACCATCCCCAACACCACCTGCCACCTGCCTCGAGCAGACGCCATGCATATGTTCCGGGACCCCTC
 CACAGGAGACCTCCCATGGACTGGGATGACCTTCGGTCTGACCATCATGGCCACCTGGTACTGGTGCCT
 GACCAGGTTATTGTGCAGCGGTCCTGTCTGCCCGAACCTGAACCATGCCAAGGCGGGCTCCATTCTAG
 CCAGCTACCTGAAGATGCTTCCCATGGGCTGATGATCATGCCAGGCATGATCAGCCGAGTACTGTTCCC
 AGATGATGTGGGCTGTGTGTACCATCCGAGTGTCTACGAGCCTGTGGGGCTGAGATCGGCTGCTCCAAC
 ATTGCCTACCCAAAGCTGGTCATGGAGCTGATGCCGATAGGTCTTCGAGGCTGATGATAGCCGTAATGA
 TGGCTGCACTCCTGTCTGCTCCCTGACCTCCATCTTAAACAGCAGCAGCACACTCTTCACCATGGACATCTG
 GAGGCAGTTTTCGGCCCGGTGCAGGAGAGCGGAACTGCTGCTGGTGGGACGGCTGGTCATCGTGGTGTCT
 GTCGGTGTGAGCGTAGCCTGGATCCCGGCTCTGCAGGGCTCCAACAGCGGTCAGCTTTTTCATCTACATGC
 AGTCAGTGACCAGCTCGCTGGCGCCCTGTCCAGCCATCTTCTCTCTGGGCATCTTCTGGAGGAGGGC
 CAATGAGCAGGGGGCCTTCTGGGCTGATGGCCGGGCTGCTGGTGGGCGCCCTGAGGCTGGTCTGGAA
 TTCCTGTACCCGGAGCCCACTGCGGCCAAATAGATACCCGGCCATTCCTCGGAAGCATACATTATT
 TGCCTTTGCTATCGCCCTTCTTCTCACCTGTGCTGTAATGGCCGCCGGGAGCCTACTGAGCCCGCC
 CCCTCAGCAAAGACAGATTGAAAACCTCACCTGGTGGACTCTGGATCCGAACTGGTCTTAAAGAACTAAA
 ACAGGTGATGGCCAAACACCCAGAAACGTGCTTCTGGACCCGGTGTGTAATGTCAATGCCATCTTCC
 TCATGTGTCAACATTTCTTCTATGCTATTTTGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107007

Insert Size: 1791 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_001107007.1](#), [NP_001100477.1](#)

RefSeq Size: 1791 bp

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Locus ID: 303205

Cytogenetics: 10q22