

Product datasheet for **RN212385**

Slc28a1 (NM_053863) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc28a1 (NM_053863) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc28a1
Synonyms:	Cnt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN212385 representing NM_053863
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGACAACACAGAGGCCAAAGAGAGTCCATTTCCCTCACGCCTATGGCCACGGCCTGGAGAACA
 TGGGGGCAGAATTCTGGAAGCATGGAGGAAGGCCGACTCCCTCACAGTCACTCAAGCCTGCCGGAGGG
 TGAAGGTGGCCTGAACAAAGCAGAGCGGAAGGCCTTCTCCCGATGGAGGAGTCTGCAGCCGACTGTGCAA
 GCGAGAAGCTTCTGCAGGGAGCACCGGCAGCTGTTTGGATGGATCTGCAAAGGCCTGCTCTCTACTGCAT
 GTCTTGGCTTCTTGATGGTCGCCTGCCTCTGGACCTCCAGAGGGCCCTAGCACTGTTGATCATCACCTG
 TGTGGTTCTCGTCTTCTGGCCTATGATCTGCTAAAGAGGCTTCTGGGGTCCAAGCTGAGGAGGTGTGTG
 AAGTTTCAAGGCCATTCTGCCTGAGCCTCTGGCTGAAAAGAGGTCTAGCCCTTGTCTGCTGGTGTGGGCC
 TGATCTTGTGGCTATCTCTGGACACCGCCAGCGGCCTGAACAGCTGGTGTCTTTGCAGGGATCTGTGT
 GTTCCTTGTCTCTCTTTGCTGGCTCAAAGCATCACCGTGGGTGTCATGGCGAGCTGTCTCTGGGGC
 CTTGGGCTGCAGTTTGTCTTGGGCTCTTCGTATCAGAACAGAACAGGGTTTCATTGCATTCCAGTGGC
 TAGGGGATCAGATCCAGGTCTTCTGAGTTACACCGAGGCAGGCTCCAGCTTCGTCTTCGGAGAGGCTCT
 GGTGAAGGATGTCTTTGCCTTTCAAGTTTTGCCATCATCATCTTCTCAGCTGCGTCATGTCTGTTCTG
 TACTATCTGGGCCTCATGCAGTGGGTGATCCTGAAGATTGCCTGGTTGATGCAGGTACCATGGGCACCT
 CAGCCACCGAGACACTGAGTGTGGCGGGAACATCTTTGTGAGCCAGACTGAAGCTCCTCTGCTGATCCG
 GCCCTATCTGGCAGACATGACACTCTCTGAAGTTCACGTTGTCTGACTGGAGGCTATGCTACATTGCT
 GGCAGCCTCCTGGGCGCCTACATCTCCTTTGGGATCGACGCTGCTTCTTAATCGCAGCCTCTGTCTATGG
 CCGCCCCCTGTGGTGGCTCTCTCAAGCTGGTCTACCCAGAGGTGGAGGAGTCCAAGTTCCGGAGTGA
 GAATGGCGTGAAGCTGACCTATGGAGACGCTCAGAACCTCTTGAAGCAGCCAGTGTCTGGGCTGCCATC
 TCAGTGAAGGTCGTTGCCAACATTGCTGCCAATCTGATTGCCTTCTGGCTGTACTAGCCTTCGTCAATG
 CTGCCCTCTCTGGCTAGGGGACATGGTGGACATCCAGGACTCAGCTTCAGCTCATCTGCTCCTACGT
 CCTGCGGCCTGTGGCCTTCTTGATGGGTGTGGCCTGGGAGGACTGTCGGTAGTGGCTGAGTTGTGGGC
 ATCAAGTCTTTCTGAATGAGTTTGTGGCCTATCAAGAGCTTTCCAGTACAAGCAACGACGCTGGCAG
 GGGCTGAGGAGTGGCTTGGTGACAAGAACAGTGGATCTCTGTGAGCAGAGAACTCTGACTACATACGC
 CCTCTGTGGATTGCCAATTCAGCTCCATCGGCATCATGTTGGGAGGCCTGACCTCCCTAGTCCCCCAG
 CGGAGGAGCGACTTCTCCAGATTGTACTCCGGGCACTGATCACAGGGGCTTTCGTGTCCCTGCTAAACG
 CCTGTGTGGCAGGATCCTCTATGTACCCAGGGGGTTCGAGGTGGACTGCGTGTCCCTTCTGAACCAAAC
 TGTGAGCAGCAGCAGCTTTGAGGTTTACCTGTGTGCTGCCGCCAAGTCTTCAGAGCACTAGCTCGGAGTTC
 AGCCAAGTGGCACTGGACAACCTGCTGTCGATTTTACAACCACACAGTCTGCACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053863

Insert Size: 1947 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_053863.1](#), [NP_446315.1](#)

RefSeq Size: 2401 bp

RefSeq ORF: 1947 bp

Locus ID: 116642

UniProt ID: [Q62674](#)

Cytogenetics: 1q31

Gene Summary: sodium dependent nucleoside transporter [RGD, Feb 2006]