

Product datasheet for **RN209408**

Slc41a1 (NM_001108855) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc41a1 (NM_001108855) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc41a1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209408 representing NM_001108855
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTCCTCTAAGCCAGAGCCAAAGGACATCCACCAGCCGAACGGTACTGGCCCTACTCCCTCTCCTTGTT
 CTTGGATGGCCCTGGGCGAGAGCCCTTGCTGGGACCTCAGAGTTCCTGGGGCTGATGGGGCTGGGGT
 GGAAGTGGTAGTGATTGAGTCTCGAGCTAACGCCAAGGGAGTTCGGGAGGAGGACGCACTGCTGGAGAAT
 GGGAGCCAGAGCAATGAGAGCGACGATGTGACACAGACCGGGTCCCTGCACCACCCTCTCCGCTCAAGG
 AGACCTCTTTTCCATTGGACTGCAAGTCTGTTCCCTTCTCCTGGCAGGCTTTGGGACTGTGGCAGC
 TGGCATGGTGTGGACATTGTGACGACTGGGAGGTCTTCCAGAAGGTGACAGAGGTCTTCATCCTGGTG
 CCTGCACTGCTGGGGCTCAAAGGGAACTTGAAATGACCTGGCGTCGAGGCTGTCCACTGCAGCCAACA
 TCGGACAAATGGACACACCTAAGGAGCTCTGGCGGATGATCACGGGGAATATGGCCCTTATCCAGGTACA
 GGCCACAGTGGTGGGCTTCTGGCATCCATCGCAGCCGTCGTCTTGGCTGGATCCCTGATGGCCACTTT
 AGCATCCACATGCCTTCTGCTATGTGCCAGCAGTGTGGCCACAGCCTTCATTGCCTCCTTGGTCTCTGG
 GTATGATCATGATCGGAGTCATATTGGATCGAGAAAGATTGGGATCAACCCAGACAACGTGGCCACTCC
 CATCGCCGCCAGCCTGGGTGACCTCATCACCTTGGCACTCCTCTCAGGCATCAGCTGGGGACTCTACCTG
 GAACTGACGCACTGGCGATACATCTACCCCTGGTGTGTGCCTTCTTGTGGCGTTGCTGCCTGTCTGGG
 TGGTGTGGCCCGAAGAAGCCAGCCACAAGGGAGGTGCTGTATTCAGGCTGGGAGCCCGTCATATTGC
 CATGGCCATCAGCAGTGTGGGAGCCCTCATCTTGGACAAGACTGTCTCGGACCCCACTTTGAGGAATG
 GCTGTCTTACACCTGTGATTAATGGCGTCGGGGGCAACTCTGGTGGCTGTGCAGGCCAGCCGCATCTCCA
 CCTTCTCCACATGAACGGCATGCCGGGGGAGAACTCTGAGCCAACCCCTCGCCGCTGCCCGAGTCCGTG
 TACCACCTTCTTACGCCCTGACGTGAATTCAGCTCAGCCCGGGTCTTCTCTCCTTGTGGTCCCAGGA
 CACCTGGTGTCTCTACACCATCAGCTGTATGACGGGCGGGCACACCACCCTCACCTCATCTTCATCA
 TCTTCTACATGACAGCTGCACTGCTCCAGGTGCTGATTCTCCTGTACATTGCAGACTGGATGGTGAAGTG
 GATGTGGGGCGGGGCTGGACCCGACAACCTTCTCCATCCCATCTTACTGCTTTGGGGACCTGCTT
 GGCACCGGGCTCCTGGCACTCAGCTTCCATGTTCTCTGGCTCATTGGGGACAGAGACACAGATGTTGGGG
ACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108855

Insert Size: 1545 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_001108855.1](#), [NP_001102325.1](#)

RefSeq Size: 4650 bp

RefSeq ORF: 1545 bp

Locus ID: 363985

Cytogenetics: 13q13