

Product datasheet for **RN205021**

Slc37a1 (NM_001011944) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc37a1 (NM_001011944) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc37a1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205021 representing NM_001011944
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCCGCTCCCCATGGGCGTCCGCTTCATCATCTCCTTCTCCAGGGATCAATGGTACCGGGCTTTCA
 TTTTATGCTGACGTTCCCTGCTCTACGCAAGCTTCCACTTATCCCGAAAGCCTATCAGCATAGTGAAGGG
 TGAGCTACATAAGCAGTGTGCTGCCGAGATGAGCCTGAACCAAGATTCCGGTGGCCCGAGCAGCAGTACC
 AGGCGTAGCCCCACCCACTGGCTCCTGAACAACGAGACCGAGACCGACTGTGGTGCGGCCCTT
 TTGATAAGAACAACCTACCAGCAACTGCTTGGAGCCCTGGATTACGCCCTTCTGTGTGCCTATGCCATTGG
 GATGTACCTGAGTGGCATAATAGGGGAACGCTGCCGATTAGGTATTACCTGACTTTTGGGATGCTGGCC
 AGCGGCGCCTTACAGCCCTGTTCCGCTTGGGCTATTTCTACAACATTCATAGCCTGGGCTTCTACGTGG
 TGACCCAGATCATTAAATGGACTGGTGCAGACCACAGGCTGGCCAGTGTCTGTACCTGCCTCAGCAACTG
 GTTTGGAAAAGGAAGGCGTGGCCTGATCATGGGGATTTGGAACCTCCACACCTCCGTGGGCAACATTCTG
 GGGTCCTTGATTGCCGGTACTGGGTGTCTACGTGCTGGGCCTGTCAATTATCGTGCCCGGGCCATCG
 TTGGAGCCATGGGGATAGTGTGCTTTCTTTTCTCATCGAACACCCAAAAGACATCAAGTCTCCTCCAC
 CCTCCCCACGCATCCCAGAGCCTCCGAGAACGGCATAAACAGATTAGAGTACAGAAGCAAACACACAC
 AGTGAAAAGAACGGGCTCTGGACCCAGAGCTTCACTGCTTACTGCTCTCCGACGGGAAGAGCCCTCC
 ACCCGAGCCACATCGTTGCTCCTCCCTGGTGACAGGACCAGCAGCATGGCCGCCATCAGCTTACGGGAGC
 GCTGAGGATCCCGGGCGTGATCGAGTCTCTCTGTGTCTGCTGTTGCCAAGCTGGTCAGCTATACCTTC
 CTGTTCTGGCTCCCGCTGTACATCACCATGTAGATCACCTGGACGCCAAGAAAGCCGGGAGCTTTCCA
 CGTTGTTGACGTGGGCGGGATCTTCGGTGAATTCTAGCAGGTGTGATCTCTGACCGCTGGAGAAACG
 AGCCTCCACCTGTGGTCTGATGCTACTGCTCGCGGCACCCACGCTCTATGTGTTCTCCTCCGTACGCAAA
 ATGGGCTAGAAAGCCACCATAGCCATGCTCCTCCTCAGTGGGGCCCTGGTCCAGCGGGCCCTACGCTCTGA
 TCACCACTGCCGCTCTCTGCAGACCTGGGGACTCACAAGAGTCTGAAAGGGAACTCCACGCGCCTATCCAC
 CGTGACAGCCATCATCGACGGCACCGGGTCTGTAGGAGCTGCCTTGGGGCCCTGCTGGCCGGGCTCATC
 TCCCTTCCAGGATGGAGCAACGTGTTCTACATGCTGATGTTTGCAGATGCCTGTGCCTTACTGTTCTGA
 TCCGCCTCATACACAAGGAACTGAGCTGTCCAGGGTCCGCTACAGTGATCCAGGCTCCGCTGAAGGAGCA
CTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001011944
- Insert Size:** 1614 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_001011944.1](#), [NP_001011944.1](#)

RefSeq Size: 2957 bp

RefSeq ORF: 1614 bp

Locus ID: 294321

Cytogenetics: 20p12