

Product datasheet for **RN208157**

Slc39a5 (NM_001108728) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc39a5 (NM_001108728) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc39a5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208157 representing NM_001108728
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGCCCCCGTACATCATCTGTTGGCTGGCCTGTGTGTGGGGGTGGCCTTGGCTGGGTAGAAGGCT
 CAGTCCCCAACCTGGGCCAGCCGAACAGGAACAGAACCCTACCTGGCCAGCTGTTTCGGTCTATATGG
 AGAGAATGGGACATTGACTGCTGGGGCCCTGGCCCGCTTCTCCACAGCCTAGGACTGGGCCGAGTTCAG
 GGGCTCCGCCTGGGACACCAAGAGCCTCCAAGTGGGCGGGCTGCACCCATGAGTGGCGACAATTTACAC
 ACAGGCTTCAGGAAGTGGAGCTGAGTGTGGATGTCTGGGCAGGAATGCCTCTGAGCCCTTCAGGTTGGG
 TGACCAGGAGGACTCAAAGGCACATGACCTGCATGGGTGAGGGCCCTCGGGCCTAGACCTCTCCACAGG
 CTTCTGCTGCTGGACATTTCGTTGGCTGACCATCTGAACGAGGATTGTCTGAATGGTTCCAGCTGCTGG
 TCAATTTTGGGCTGAGTCTGTTGCTCCTCTGACCCCTCGTCAGTTTGTCTGTTGTGCCAGCCCTGCT
 TTATCAGATTGACAGCCGTGTTTGCATCAAACCCTGCTCCAGCACCTCCAGGGGATGACTGTCTGCC
 CTGCTTCATAGTGGCCTGGCAGTCTGTTCTCAGCCTCCCTGCTCCCTTCTCCCTGCTGCTGCTGCCGC
 TCTTAGGACCTCGTCTGTTGCGGCCTGTGCTGGGCTTCTGGGGGCCCTGGCTGTGGGCACTCTTTGTGG
 GGATGCCCTGCTCCACCTGCTGCCACATGCACAAGGAGGACGGCACACAGGACCTAGTGAGCAAGCAGAG
 GAGGATCTGGGTCCAGGGCTGTCACTGCTTGGTGGCCTTTCCTGCTCTTCGTGTTAGAGAATGACTAG
 GACTTGTGCGGCACAGAGGGCTCAGGCCAAGGTGTGGCAGGAACAAAAGGGATGTGGAAGAACAAACCC
 TGACCCAGAGGACGGCACTGGGATGGTCTTCGGCCCTACAGGCAGCTTCAGAGGTTCCAGGCCAGAGG
 GAAAACAGCCAGTCCCTACCATCTCCAGCCCTCCCGGATACCAAGGCCACAGTCATGAGCACCGGGGCG
 GTAGTATCGCATGGATGGTCTCCTGGGAGATTGCCTGCACAACCTCACCGATGGGCTCGCACTAGGTTGC
 TGCCCTTTCCGACGGCTTCTCCAGTGGCCTCAGCACTACCCTAGCAGTCTTCTGCCATGAGCTGCCCCAT
 GAACTGGGTGACTTTGCAATGCTGCTTCAGGAAGGGCTGTCTTTGGAAGCTGTGCTGCTGAGCCTCG
 TCTCTGGAGTCTGGGGCTGGGGGTGCAGCCCTGGGGGTGGGGCTCAGCTTGGGCCCTGTCCCCCTCAC
 TCCCTGGGTGTTGGGATCACGGCTGGGGTCTTCTCTATGTGGCCCTTGTGGATATGCTGCCAGCCCTG
 CTCCGCTCTCTGAGCCCGGCCCTGCCCATGTGCTTCTGCAGGGGCTGGGGCTGCTGCTGGGGGCA
 GCCTCATGTTTACTATAGCCCTGTTGGAGGAACAGCTACTGCCCGTGGTTCTGATGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001108728
- Insert Size:** 1602 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_001108728.1](#), [NP_001102198.1](#)

RefSeq Size: 2828 bp

RefSeq ORF: 1602 bp

Locus ID: 362812

Cytogenetics: 7q11