

Product datasheet for **RN209838**

Slc16a5 (NM_001109568) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc16a5 (NM_001109568) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc16a5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209838 representing NM_001109568
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCCAGGCCCTGGAGCAAGCAGACGGCAGATGGGCTTGGGTAGTCTGTAGCCTCCTTGGTGACCC
 AGGCCCTCACTGTAGGCTTCCCTTCTGCATCGGCGTCTTCTCACTGATCTGCAGCGTGACTTCCAGGC
 CAGCAACAGTGAGACCTCATGGTTTCCCTCCATCATGGGGCCATGCTCCATTGTGGGGACCTCTGTGC
 AGCATCTGATCAAACGTTTCGGCTGTCGAGTGACCATGATGCTGGGGGGGTGCTGGCCAGCTTGGGCA
 TGGTAGCCAGCACCTTCTCAGACTCGCTCATCCACCTTCTCCTTACGGCAGGACTTATCACAGGCCCTGGG
 CATGTGTTTCAGTTCAGTCAAGCATCACAGTAGTGGGCTTATATTTGTCCGCCAGCGCCGCTAGCC
 AATGCACTGGCCTCCATAGGAATCTCCATGGGTGTACCCTCTGGCCACTGCTGGCCGATATCTTCTGG
 AAACCTGGGCTGGAGGGGTGCCTTCTCATCTTCGGTGGCATCTTCTCCACTGTTGTGTATGTGGAGC
 CATGCTGAGGCCGTTGCCACCAATGTGGACCCTGAGCCCAAAGAAGATCTCCTTCTCCCTCCCAAGACA
 CCTACACGCAGCTGCCTGGCGACATGTGTCTCGACTATCCAATACTACCTGGCCTTCGACATCCTTCGTC
 ACAATATGGTCTTCTGCATATATGTCACGGGTGCAACATGGATGACCCTGGGTTTTCTCACTGCCACATAT
 TTCTCTGGTGCCCTACGCTATGCATCATGGGATGGAAGAATATTGGGCAGCCATGCTCATGTCCATTGTC
 GGCTTCTGCAACATCTTCTTGGCGCCAGTGGCAGGGATGCTGGCGGGCAGGAAGAGCTTGGCTGCCTACC
 GGAAGTACCTGTTTGGCGTGGCGATCCTCATCAATGGGCTCACCAACCTCATATGCACAGTGTGGCCGA
 CTTCCGGGTGCTCCTGGGCTATTGCCTGGTGTACAGCCTGTCCATGTGTGGAACCGGAATCCTCGTCTTC
 CAGGTTCTAATGGACATTGTCCCGATGGATCGGTTCCCGAGCCCTGGGCTTCTCACCATCCTGTGTG
 GCATGGGTTCTCTCATCTCCACCGTTGGCTGGATTGCTGTGGACACGACCAACAACCTCAACTATGT
 TTTCTATATGTCGAGCGGCCTCCTCATCTCAGCCTCCCTTTTCATGGGTGTGGGCTTCTATGTCCGAGAG
 AAGAAGCTGAAGCAAGACAGGCAAGCAAGATGGAGGATGCTACCTCAGAGATTACCTCAAAGCACAGTC
 TTACCTCAGAAGACAAGGACAGTGCCAAGAAGCAACCATACCCTGAAAACATCTATGTGACCAGTGTCTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109568
- Insert Size:** 1401 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_001109568.1](#), [NP_001103038.1](#)
RefSeq Size: 2779 bp
RefSeq ORF: 1401 bp
Locus ID: 690212
Cytogenetics: 10q32.1