

Product datasheet for **RN209108**

Slc22a17 (NM_177421) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a17 (NM_177421) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a17
Synonyms:	24p3R; Boct; rBOCT
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209108 representing NM_177421
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTCAGACCCCATCTTCACGCTGGCGCCCCGCTGCACTGCCACTACGGCGCCTTGCCCCAACG
 CTTGGGCTGGGAGCAGCCCCCACTCCAGCGCGTCAGCGTCGCCGGCGAGCCCTAGCAGCCAGCGC
 CGCCAGCAGAGTCGTACCAAGTACGGACCCTCGTGCACTGGCTTCGCCACCAGGATTTCAACCACTGC
 CTGAAGGACTGGGACTACAACGGACTGCCCGTGTCCACCAATGCCATCGGCCAGTGGGATCTGGTGT
 GTGACCTGGGCTGGCAGGTGATCCTGGAGCAGATCCTTTCATCTTGGGCTTTGCCTCCGGCTACCTGTT
 CCTCGTTACCCCGGGACAGGTTGGCCGTGTGGGATTGACTGCTGACCTTGGGGCTCGTGGGCCCC
 TGTGGAGTGGGAGGAGCTGCTGCGGGCTCTCCACGGGCATAATGACTCTCGATTCTCCTGGGCTTCC
 TGCTGGCTGGCGTTGACCTTGGTGTCTACCTGATGCGCCTGGAGCTGTGCGACCAACCCAGAGGCTTCG
 GGTGGCCCTGGCAGGGGAGTTGGTAGGGGTGGGAGGGCACTTCTGTTCTGGGCTGGCCCTTGTCTCT
 AAGGACTGGCGGTTCTCGACGGAATGATCACCGCTCCTTGCATCCTTCTCCTGTTTTATGGCTGGCCCC
 GTCTGTTTCTGGAGTCCGCACGGTGGCTGATAGTAAACGGCAGATTGAGGAAGCCAGTCTGTGCTGAG
 GATCCTGGCTGAGCGAAACCGGCCCATGGCCAGATGCTGGGAGAAGAGGCCAGGAAGCCCTGCAGGAG
 CTGGAGAAATACCTGTCTCTCCCAACAGTCCACCTTTCTTTCGCTCCCTCCTCAACTACCGAAACA
 TCTGAAAAATCTGTTATCCTGGGCTTACCAACTTTATCGCCCATGCCATTGCCACTGCTACCAGCC
 TGTGGGAGGAGGGAGCCCATCAGACTTCTACTTGTGCTCTTCTGGCCAGCGGCACAGCAGCCCTG
 GCCTGCGTCTTCTGGGGTGGCCGTGGACCGTTTCGGCCGTGGGGCATCCTGCTTCTCAATGACTC
 TCACGGGATTGCATCCCTGGTCTTGTGGCCGTGGGATTATCTGAACGATGCTGCCATCACAACTT
 CTGGGCTCGGACTCTTCTCCTCCCAAGCTTCTGCTATCCTCAGTACCCTCCTTGCTGCTGAAGTCATC
 CCCACCACTGTCCGGGGCGTGGCCTGGCCTTATCATGGCACTTGGGGCGCTTGAGGGCTGAGCTGTC
 CAGCTCAGCGCCTCCACATGGGCCATGGAGCTTCTGTCAGCATGTTGTTACTGGCGGCTGTGCCCTCT
 CTGCATCCTTAGCATCATGCTGCTGCCAGAGACCAAGCGCAAGCTTCTGCCAGAGGTAAGCGGGATGGG
 GAACTGTGCCGTGGCCCTTCCCTGCTGAGGCAGCCACCTCTAACCGCTGTGACCATGTCCCCTGCTAG
 CCACTCCTAATCTGCCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_177421

Insert Size: 1563 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_177421.3](#), [NP_803156.2](#)

RefSeq Size: 2365 bp

RefSeq ORF: 1563 bp

Locus ID: 305886

UniProt ID: [Q9P290](#)

Cytogenetics: 15p13

Gene Summary: may act as a brain-specific organic ion transporter [RGD, Feb 2006]