

Product datasheet for **RN216785**

Slc17a4 (NM_001271214) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc17a4 (NM_001271214) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc17a4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN216785 representing NM_001271214
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCTACTGGAGCAGACCTCAAGGCGAGAGAGGGAGGCATTCCCAATGACAGCAATTTAAACATGACCC
 AAGAACAATCCTTCAAGAAAGGCTGCTGCTCACTGCGCCATGGTTTGGCTTTCATCTTGCATCTCTGTAA
 TTTTCTGTTTATACCAACAAATGAACCTGAGCATCGCCATAACAGCTATGGTGAACACCACAGCAGCA
 TCCAGCCATGCCAACGCTTCCATAGAAAGGCTACCACTGACTCCCAAGATTTCTGGAATGAAACACTAC
 AGGAATCTAAGGCCCTGTTTACGACTGGACACCTGAGATCCAGGGAATCCTCCTCAGCTCTCTCAACTA
 TGGATCGTTCTTAGCTCCAATCCCTACTGGCTATGTGGCTGGAGTGTGGAGCCAAGTATGTGGTTGGT
 TTGGGCTTGTAGTTTCTCCGTCCTGACTCTCTTCATTCCACTGGCAGCTGAGGCTGGAGTAGCCTTAC
 TAATTGCTCTTCGGGTCATCCAAGGCATGTCTCAGGTTATGGTGTAAACAGGTCACTACTCAATGTGGGC
 CAAATGGGCTCCCCCACTGGAAAGGAGTCAGCTCATCACCATCGTCGATCAGGGTCAATGCTTGAACG
 TTCTTGTCTTATTGCTGGTGGTCTTCTTTGCCAGGCCCTAGGATGGCCTTATATATTCTACATCTTTG
 GTGGAATTGGCTGTGCCTGTTGCCTGCTCTGGTCCCCCTCGTATATGATGACCCACAGAATCATCCCTT
 TATCAGCACTGGTGAGAAGAGATACATCATGTGTTCACTGGCTCAAGAGGATTGCTCGTGGGCTGGTCT
 CTTCCCATTAAGCCATGGTGAAATCTCTCCCACTTTGGGCCATTGTGGTTTCATATTTCTGTGAATACT
 GGCTATTATTCACGATAATGGCATATACACCCACATATACAGCTCTGTACTTCAAGCAATCTCCGAGA
 TAGTGGAATCCTGTCTGCCCTGCCATTCATGTTCCGGCTGTGTCTGCATTATCTTGGGGTCTACTGGCA
 GATTTTCTCCTCTCCAGGAACATCCTCCGGCTTGTAAACATCAGGAAGCTCTTCACTGCCCTAGGGGTCC
 TTGTCTCATCCGGGATCCTTGTGCCCTACCTTGGGTCAGCTCCAGCCTCAGCACTACAATGGCCTTCTT
 GGTAATCTTCTGTCTTTGCCAGCCTCTGTGATTCAAGGAGCCCTCACTAACTTCTGGATATAGCTCCA
 CGGTATGTGGCTTTCTCAAAGGACTATTGCAAGTCTTTTCTTACTTAGCTGGAGGCATAGCTCCTACTG
 TTGCTGGATTTTTCATCAGTCAGGATTGAGGTTGGCTGGAGAAATGTCTTCTTACTTGCAGCTGCTAT
 TGATGTAGTCGGCCTGCTCTTCTACCTCATCTTCGGCAGAGCAGAGGTACAGGACTGGGCTAAGGAACCA
 ACATTCACCCATCTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001271214

Insert Size: 1488 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001271214.1, NP_001258143.1

RefSeq Size: 2461 bp

RefSeq ORF: 1488 bp

Locus ID: 679784

Cytogenetics: 17p11