

Product datasheet for **RN203107**

Slc6a17 (NM_001033079) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a17 (NM_001033079) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a17
Synonyms:	Ntt4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>RN203107 representing NM_001033079

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCGAAGAACAGCAAGGTGACCCAGCGTGAACACAGCAATGAGCATGTCACTGAGTCGGTGGCTGACC
TGCTGGCCCTCGAGGAGCCTGTGGACTATAAGCAGAGTGTACTGAACGTGGCTGGTGAGACAGGTGGCAA
GCAGAAGGTGGCGGAGGAGCTGGACGCAGAGGACCGCCAGCCTGGAACAGCAAGCTGCAGTACATC
CTGGCCAGATCGGCTTTTCTGTGGCCTTGGAACATCTGGAGTTCCCTACCTGTGCCAGAAAAATG
GAGGAGGTGCCTACCTGGTGCCCTACCTGGTGTCTGATCATTATTGGCATCCCCCTCTTTCTTCTGGA
GCTGGCTGTGGGCAGAGGATCCGCCGTGGCAGCATTGGGGTCTGGCACTATGTGTGCCCCCGCTGGGG
GGCATTGGCTTTCCAGCTGTATTGTCTGCCTTTCGTTGGGCTGTACTACAACGTGATCATTGGATGGA
GCGTCTTCTACTTCTCAAGTCTTCCAGTACCCACTGCCCTGGAGTGAATGTCCTGTATCAGGAATGG
GACTGTGGCAGTGGTGGAGCCTGAGTGCAGAGAAGAGCTCAGCTACTACCTACTTCTGGTATCGAGAGGCC
TTGGACATCTCCAACCTCATCTCAGAGAGTGGGGCCTCAACTGGAAGATGACAGTCTGCCTCCTTGTGG
CCTGGAGCATCGTGGCATGGCTGTAGTCAAGGGCATCCAGTCCCTCTGGAAGGTAAATGTATTTAGCTC
CCTCTTCCCTATGTGGTGTGGCTGCTTCTGGTCCGGGGACTGCTGCTTCGAGGGGAGTGGATGGC
ATCCTGCACATGTTCACTCCTAAGCTGGACAAGATGCTGGACCCCGAGTGTGGCGGGAGGCAGCCACGC
AGGTCTTCTTCGCCCTGGGGCTGGGCTTTGGAGGTGTATCGCCTTTCCAGCTACAACAAACAGGACAA
TAACTGCCACTTCGATGCTGCCTTGGTGTCTTCACTCACTTCTTCCACTCCGTGTTGGCCACCCCTCGT
GTGTTTGCAAGTGGTGGTTCAAAGCTAACATCATGAATGAGAAGTGTGGTGGTGGTGGTGGTGGTGGT
TTCTAGGGTACCTCAACTCAATGTCTTGAGCCGGGACCTCATCCACCCACGTCACACTTCTCTCACCT
GACCACCAAGGACTACTCAGAGATGTACAATGTATCATGACTGTTAAGGAGAAGCAGTTCTCAGCCCTG
GGCCTGGATCCTTGCCTCCTGGAGGATGAGCTGGACAAGTCTGTGCAGGGCACAGGCCTGGCCTTATCG
CCTTCACTGAGGCCATGACACATTTCCCGCCTCTCCGTTCTGGTTCGGTTCATGTTCTTCTGATGCTCAT
CAACCTGGGCCTGGCAGTATGATTGGGACCATGGCAGGAATCACCACACCTATCATCGACACCTTCAAG
GTGCCAAGGAGATGTTACAGTGGGCTGCTGTGCTTTGCATTCTTCTGGGGCTATTGTTCTGTCACGC
GCTCCGAAACTACTTTGTCACCATGTTTGTGACTATTCGGCCACCCTGCCACTACCCTCATCGTCAT
CCTTGAGAACATCGTGTGGCCTGGATTTACGGAACCAAGAAGTTTATGCAGGAGCTGACAGAGATGCTG
GGCTTCCGACCGTACCGATTCTATTTCTACATGTGGAAGTTTGTGTCTCCACTGTGCATGGCTGTCTCA
CCACAGCCAGCATCATCCAGCTGGGGGTGTCACCCCGAGCTACAGTGCCTGGATTAAGGAGGAGGCCGC
CGAGCGCTACTTGTACTTCCCAATTGGGCCATGGCACTGCTGATCACCCCTATTGCTGTGGCAACCCTG
CCTATCCCTGTGGTGTTCATCCTGAGGCACTTCCACCTGCTCTCTGATGGTTCCAACACCCTCTCCGTG
CCTACAAGAAGGGCCGCATGATGAAGGACATCTCCAACCTGGAGGAGAACGATGAGACACGCTTATCCT
CAGCAAGGTGCCAGTGGGACCCCTCCCCATGCCACCCACCCTCTATCTGGGGCCTGGCAGCACA
TCACCCCTGGAGAGCAGCAGTACCCCAATGGACGATACGGGAGCGGCTACCTCTGGCCAGCACCCTG
AGTCAGAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001033079

Insert Size:

2184 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:	<ol style="list-style-type: none">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:	<u>NM_001033079.1</u> , <u>NP_001028251.1</u>
RefSeq Size:	6411 bp
RefSeq ORF:	2184 bp
Locus ID:	613226
UniProt ID:	<u>P31662</u>
Cytogenetics:	2q34
Gene Summary:	Functions as a sodium-dependent vesicular transporter selective for proline, glycine, leucine and alanine. In contrast to other members of this neurotransmitter transporter family, does not appear to be chloride-dependent.[UniProtKB/Swiss-Prot Function]