

Product datasheet for **MC228787**

Slc6a17 (NM_001293689) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a17 (NM_001293689) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a17
Synonyms:	D130012J15Rik; Ntt4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228787 representing NM_001293689
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCGAAGAACAGCAAGGTGACCCAGCGCAACACAGCAATGAGCATGTCACCGAGTCAGTGGCTGACT
 TGCTGGCTCTGGAGGAGCCTGTGGACTACAAGCAGAGTGTACTGAACGTGGCCGGCGAGACAGGTGGCAA
 GCAGAAGGTGGCGGAGGAGCTGGACACAGAGGACCGCCAGCCTGGAATAGCAAGCTGCAGTACATC
 CTGGCCAGATTGGCTTCTCTGTGGCCTGGGCAACATCTGGAGTTCCCTACCTGTGCCAGAAAAATG
 GAGGAGGTGCCTATCTGGTGCCTATCTGGTGTGCTTATCATCATTGGCATCCCCTCTTCTTTCTGGA
 GCTGGCTGTGGCCAGAGGATCCGCCGTGGCAGCATTGGTGTGTGGCACTATGTGTGCCCCCGCTGGGG
 GGCATCGGCTTTCCAGCTGTATTGTCTGCCTCTTCGTTGGGCTGTACTACAATGTGATCATTGGGTGGA
 GCGTCTTCTATTTCTCAAGTCTTCCAGTACCCACTGCCCTGGAGTGAATGTCCTGTATCAGGAATGG
 GACTGTAGCAGTGGTGGAGCCTGAGTGTGAGAAGAGCTCAGCTACTACCTACTTTTGGTACCGAGAGGCC
 TTGGACATCTCCAACCGATTCAGAGAGTGGGGCCTCAACTGGAAGATGACACTCTGCCTCCTTGTGG
 CCTGGAGCATCGTGGGCATGGCTGTCGTCGAAGGCATCCAGTCCCTCTGGAAGGTAAATGTATTTAGCTC
 CCTCTTCCCTTATGTGGTGTGGCTGCTTCTGGTCCGGGGGCTGCTGCTTCGAGGGGAGTGGATGGC
 ATCCTGCACATGTTCACTCCTAAGCTGGACAAGATGCTGGACCCCGAGTGTGGCGGGAGGCAGCCACAC
 AGGTCTTCTTCGCCCTGGGGCTGGGCTTTGGAGGCGTCATCGCCTTTCCAGCTACAACAAACAGGACAA
 TAACTGCCACTTCGATGCTGCCCTGGTGTCTTCACTCACTTCTTACCTCGGTGTTGGCCACCCCTCGT
 GTGTTTGTGTGCTGGCTTCAAAGCCAACATCATGAATGAGAAGTGTGGTGCAGAATGCTGAGAAAA
 TTCTAGGGTACCTCAACTCCAATGTCTTGAGCCGGGACCTCATCCACCTCACGCAACTTCTCACACCT
 GACTACCAAGGACTACTCAGAGATGTACAGCGTCACTCATGACTGTTAAGGAGAAGCAGTTCACAGCCTG
 GGCTGGATCCCTGCCTCTTGGAGGATGAGCTGGACAAGTCTGTGCAGGGCACAGGCCTGGCCTTATCG
 CCTCACTGAGGCCATGACACATTTCCCGCCTCCCGTCTGTGTCGGTCCGTCATGTTCTTGTATGCTCAT
 CAACCTGGGCCTGGCAGCATGATCGGGACCATGGCAGGAATCACCACACCCATCATCGACACCTTCAAG
 GTGCCAAGGAGATGTTACAGTTGGCTGCTGTGCTTTGCATTCTTCGTGGGGCTGTTGTTCTGTCACG
 GCTCCGAAACTACTTTGTCACCATGTTTGTGACTATTCGGCCACCCTGCCACTACCCTCATCGTCAT
 CCTTGAGAACATCGTGTGGCCTGGATTTATGGAACCAAGAAGTTTATGCAGGAGCTGACAGAGATGCTG
 GGCTTCCAGCCGATCGATTCTATTTCTACATGTGGAAGTTTGTGCTCCACTGTGCATGGCTGTGCTCA
 CCACAGCCAGCATCATCCAGCTGGGGGTGTCGCCCCAGGCTACAGTGCCTGGATCAAAGAGGAGGCTGC
 TGAGCGCTACTTGTACTTCCCAACTGGGCCATGGCACTGCTGATCACCCCTATTGCCGTGGCCACCCTG
 CCCATCCCTGTGGTGTTCATCCTGCGGCACTTCCACTTGTCTCCGACGGGTCCAACACCCTCTCTGTGT
 CCTACAAGAAGGGCCGCATGATGAAGGACATCTCCAATCTGGAGGAGAACGATGAGACGCGCTTATCCT
 CAGCAAGGTGCCAGTGAAGGCGCCCTCCCCATGCCACCCACCCTCTATCTGGGGCCTGGCAGCACA
 TCACCTTGGATAACAGCAACAATCCCAACGGACGCTATGGAAGCGGCTACCTCTGGCCAGCACCCCTG
 AGTCAGAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001293689
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).

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:	<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_001293689.1</u> , <u>NP_001280618.1</u>
RefSeq Size:	6335 bp
RefSeq ORF:	2184 bp
Locus ID:	229706
UniProt ID:	<u>Q8BJI1</u>
Cytogenetics:	3 F2.3
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 (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).