

Product datasheet for **MC221130**

Slc6a17 (NM_172271) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a17 (NM_172271) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a17
Synonyms:	D130012J15Rik; Ntt4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221130 representing NM_172271
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGAAGAACAGCAAGGTGACCCAGCGCAACACAGCAATGAGCATGTCACCGAGTCAGTGGCTGACT
 TGCTGGCTCTGGAGGAGCCTGTGGACTACAAGCAGAGTGTACTGAACGTGGCCGGCAGACAGGTGGCAA
 GCAGAAGGTGGCGGAGGAGCTGGACACAGAGGACCGCCAGCCTGGAATAGCAAGCTGCAGTACATC
 CTGGCCAGATTGGCTTCTCTGTGGCCTGGGCAACATCTGGAGTTCCCTACCTGTGCCAGAAAAATG
 GAGGAGGTGCCTATCTGGTGCCTATCTGGTGTGCTTATCATCATTGGCATCCCCTCTTCTTTCTGGA
 GCTGGCTGTGGGCAGAGGATCCGCCGTGGCAGCATTGGTGTGTGGCACTATGTGTCCCCCGCCTGGGG
 GGCATCGGCTTTCCAGCTGTATTGTCTGCCTCTTCGTTGGGCTGTACTACAATGTGATCATTGGGTGGA
 GCGTCTTCTATTTCTCAAGTCTTCCAGTACCCACTGCCCTGGAGTGAATGTCCTGTATCAGGAATGG
 GACTGTAGCAGTGGTGGAGCCTGAGTGTGAGAAGAGCTCAGCTACTACCTACTTTTGGTACCGAGAGGCC
 TTGGACATCTCCAACCGATTTACAGAGAGTGGGGCCCTCAACTGGAAGATGACACTCTGCCTCCTTGTGG
 CCTGGAGCATCGTGGGCATGGCTGTCGTCGAAGGCATCCAGTCCCTCTGGAAGGTAAATGTATTTAGCTC
 CCTCTTCCCTTATGTGGTGTGGCCTGCTTCTGGTCCGGGGGCTGCTGCTTCGAGGGGCAGTGGATGGC
 ATCCTGCACATGTTCACTCCTAAGCTGGACAAGATGCTGGACCCCGAGTGTGGCGGGAGGCAGCCACAC
 AGGTCTTCTTCGCCCTGGGGCTGGGCTTTGGAGGCGTCATCGCCTTTCCAGCTACAACAAACAGGACAA
 TAACTGCCACTTCGATGCTGCCCTGGTGTCTTCACTCACTTCTTACCTCGGTGTTGGCCACCCCTCGT
 GTGTTTGTGTGCTGGGCTTCAAAGCCAACATCATGAATGAGAAGTGTGTGGTGGAGATGCTGAGAAAA
 TTCTAGGGTACCTCAACTCCAATGTCTTGAGCCGGGACCTCATCCACCTCACGCAACTTCTCACACT
 GACTACCAAGGACTACTCAGAGATGTACAGCGTCACTGACTGTTAAGGAGAAGCAGTTCACAGCCCTG
 GGCTGGATCCCTGCCTCTTGGAGGATGAGCTGGACAAGGCACAGGCCTGGCCTTCATCGCCTTCACTG
 AGGCCATGACACATTTCCCGCCTCCCCGTTCTGGTCCGTGATGTTCTTCTTGTGCTCATCAACCTGGG
 CCTGGGCAGCATGATCGGGACCATGGCAGGAATCACCACCCATCATCGACACCTTCAAGGTGCCAAG
 GAGATGTTACAGTTGGCTGCTGTGCTTTGCATTCTTCTGTTGGGCTGTTGTTCTGTCAGCGCTCCGAA
 ACTACTTTGTACCATGTTTGTGACTATTCGGCCACCCTGCCACTCACCGTCATCGTATCCTTGAGAA
 CATCGCTGTGGCCTGGATTTATGGAACCAAGAAGTTTATGCAGGAGCTGACAGAGATGCTGGGCTTCCAG
 CCGTATCGATTCTATTTCTACATGTGGAAGTTTGTGTCTCCACTGTGCATGGCTGTGCTCACCACAGCCA
 GCATCATCCAGCTGGGGTGTGCCCCCAGGCTACAGTGCCTGGATCAAAGAGGAGGCTGCTGAGCGCTA
 CTTGTACTTCCCAACTGGGCCATGGCACTGCTGATCACCTCATTGCCGTGGCCACCCTGCCATCCCT
 GTGGTGTTCATCTGCGGCACTTCCACTTGCTCTCCGACGGGTCCAACACCCTCTCTGTGTCTTACAAGA
 AGGGCCGCATGATGAAGGACATCTCAAATCTGGAGGAGAACGATGAGACGCGCTTCACTCAGCAAGGT
 GCCAGTGAAGGCGCCCTCCCCATGCCACCCACCGCTCCTATCTGGGGCTGGCAGCACATCACCTTG
 GATAACAGCAACAATCCCAACGGACGCTATGGAAGCGGCTACCTCTTGGCCAGCACCCCTGAGTCAGAGC
 TGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1644_a03.zip

Restriction Sites: SgfI-MluI

ACCN: NM_172271

Insert Size: 2175 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:	NM_172271.2 , NP_758475.1
RefSeq Size:	6326 bp
RefSeq ORF:	2175 bp
Locus ID:	229706
UniProt ID:	Q8BJI1
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 (2) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1.