

Product datasheet for **MC216045**

Slc17a9 (NM_183161) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc17a9 (NM_183161) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc17a9
Synonyms:	1700019H03Rik; BC019537; Vnut
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216045 representing NM_183161
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCATCCCAGCGCTCTAGCCTGATGCAGCCAATCCCAGAGGAGACCCGCAAGACCCCTTCTCGGCAG
 CAGAGGATACACGGTGGTCCAGGCCTGAATGCCAGGCCTGGACAGGAATCCTGCTCTGGGCACCTGCCT
 GCTGTA CTGCGCCGAGTCAACATGCCCGTCTGTACTGTTGCCATGAGCCAGGACTTTGGCTGGAACAAG
 AAGGAGGCTGGTATCGTGCTCAGCAGCTTCTTCTGGGGCTACTGCCTGACTCAGGTGGTGGGCGGCCACC
 TTGGGGATCGCATCGGAGGAGAGAAGGTCATCTTGCTGTCAGCCTCCGCCTGGGGCTTCACTACTGTCAC
 CACACCACTGCTGCGCACCTCGGCAGCGGCCACCTGGCCTTCTGACATTCTCTGAATCTCACCCGGT
 CTGCTCCAAGGTGTCTACTTTCCAGCCCTGACCAGTCTGCTGTCCAGAAAGTACAGGAGAGCGAGAGAG
 CCTTTACCTACAGCACTGTGGGTGCTGGCTCCCAGGTCGGGACCCTGGTACTGGGGCGTAGGCTCCGT
 GCTCCTGGACCAGTGTGGCTGGCAGAGTGTCTTCTACTTCTCAGGTGGCCTCACCTTGCTCTGGGCGTAC
 TATGTGTACAGGTACCTGCTGAATGAGAAAGACCTTGCTCCTGGCCTGGGATTCCTTGCTCAAGGCCTAC
 CTGTGACCAAGCCCTCCAAGTGCCTGGAGACAATATTCCGGAAGGCCTCTGTCTGGGCGCAATCTG
 CTCCCAGTTGTGCTCTGCTTGTCTCTTCTTCACTACTCTCTGGCTGCCACCTTCTTCAAGGAGACC
 TTCCCCAACTCCAAGGGCTGGGTCTTCAATGTAGTCCCCTGGATGCTGGCAATTCCTGCTAGTCTATTCA
 GTGGGTTCATCTCCGACCGCCTTATCAGTCAGGGTTACAGAGTCAACACGGTGCCTAAGTTCATGCAGGT
 CATGGGCTTGGTCTGTCAAGCATTCTTGGCCCTGTGTCTGGGTCAACCAAGCTTCTCAAGGCTATG
 ATCTTTGCATCAGTTCATTGGCTTCCAGACCTTCAACCACAGTGGTATTTTCAGTCAACATTCAAGGACC
 TGGCCCCATCCTGTGCTGGCTTCTGTTGGTGTAGCCAACACTGCAGGGGCCTTAGCAGGTGTGGTAGG
 CGTGTGTCTGAGTGGCTACCTGATCGAGACCACTGGTTCCTGGACCTGTGTGTTCCACCTGGTAGCCATC
 ATCAGCAACCTGGGGCTGGGCACCTTCTGGTGTTCGGGAAGGCCGAGAGGGTGGACCTGGTCCCCACTC
 ATGAGGACCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1994_c04.zip

Restriction Sites: SgfI-MluI

ACCN: NM_183161

Insert Size: 1344 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_183161.3</u> , <u>NP_898984.3</u>
RefSeq Size:	2197 bp
RefSeq ORF:	1344 bp
Locus ID:	228993
UniProt ID:	<u>Q8VCL5</u>
Cytogenetics:	2 H4
Gene Summary:	Involved in vesicular storage and exocytosis of ATP. May accumulate ATP and other nucleotides in secretory vesicles such as adrenal chromaffin granules and synaptic vesicles (By similarity).[UniProtKB/Swiss-Prot Function]