

Product datasheet for **MC217172**

Slc16a9 (NM_025807) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc16a9 (NM_025807) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc16a9
Synonyms:	1200003C15Rik; 4930425B13Rik; AI552636
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217172 representing NM_025807
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATTCAGAAGTCACCTGACGGAGGGTGGGGCTGGGTGATTGTGGTTGTCTCCTTCTCACCCAGT
 TCCTCTTTACGGATCCCGTTAGCTGTTGGGGTCTTGTATGTAGAATGGCTGGATGCCTTCGGTGAAGG
 AAAAGGAAAAACAGCTTGGGTGGGATCCCTGGCGAGCGGAGTCGGCTTGCTTGAAGTCCTGTGTCAGT
 CTCTTCGCTCATCTTTGGAGCAAGACCCGTCACAATCTTCAGTGGCTTCTGGTGGTGGCGGTCTAA
 TGCTGAGCAGTCTTGCCCAATATCTACTTTCTGTTTTTCTATGGCATCGTTGTAGGTCTCGGATG
 TGGCTATTATACACAGCGACGGTGACCATCACATGCCAGTATTTGACAGCCGAGAGGCTCGCCCTC
 GGCCTGATTTCAACAGGTCGAGTGTGGTCTATTCATCTACGCAGCTCTGCAGAGGATGCTGATTGAAT
 TCTATGGCTAGATGGCTGCCTGCTCATCGTGGCGCTTAGCTTTAAACATCCTAGCCTGTGGCAGCCT
 GATGAGGCCCTTGCAAACCTCCGACTGTCTTTTCTGAAAAGACAGCTCCAGAGAATGTCCAGACAGA
 TACTCCATGTATAACGAGAAAGAGAAGAACCCAGAGGAGACTATGAACTCCAAGACAAGGGCTACAGTA
 GCGAAGATAAATGCTTGCCCAATGGAGACTGGGGACGGGAGACTTCCCTTCTAAAAGCCTCGCCATCGC
 TGCACACACCAAGGAGCCGAGACGTACAAAAGAAGGTCGTAGAACAGACTAATTTTTGCAAGCAGCTT
 GCCAAGAGGAAATGGCAGCTATATAGGAACTACTGTGGAGAGACCGCGTCTTTTTTAAAAACAAAGTCT
 TCTCCGCGCTATTCATCGCCATCTTGCTTTTGGCATCGGAGGATTTCCACCATCGCTGCATGGAGGA
 TGTCGCGAGAAGTTACCACGTGAGGGAAGAAGATCTTACCATGCCTCTCATCTCCATTTTCGGCATCATG
 ACAGCCGTGGGCAAGCTTCTTTGGGCATCCTGGCTGACTTCAAGTGGATCAACACCCTGTATCTCTACG
 TAGTACCCTGATCATCACTGGCCTGGCCTGTGCGCAATCCCCTTGGCAAGAGTTACGTCAGCAGTGGC
 TATCCTTTCTGGCATCTTGGGTTTTCTTACTGGTAAGTGGTCTATCTTCCGATGTGACCACGAAGACT
 GTGGGATTGACAAATTAGCCCACGCCTATGGAATACTCATGTTTTTGTGGACTTGGGAACAGCCTCG
 GGCCACCCATAGTTGGTTGGTTCTATGATTGGACCCAGACCTATGACATCGCCTTTTATTTAGTGGCTT
 CTGTGCTGCTCGGGGATTATCCTGCTGCTCGCCATTTGCCCTGTTGGGATATGTGCAACAAAAA
 CTACCTAAGCCAGCAGTGCCAACCCTTTTTCTACAAAGTTGCCTCTAATGTT**TAG**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_025807

Insert Size: 1527 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:

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_025807.3](#), [NP_080083.2](#)

RefSeq Size: 3563 bp

RefSeq ORF: 1527 bp

Locus ID: 66859

UniProt ID: [Q7TM99](#)

Cytogenetics: 10 B5.3

Gene Summary: Proton-linked monocarboxylate transporter. May catalyze the transport of monocarboxylates across the plasma membrane.[UniProtKB/Swiss-Prot Function]