

Product datasheet for **MC222599**

Slc12a9 (NM_031406) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc12a9 (NM_031406) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc12a9
Synonyms:	CIP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222599 representing NM_031406
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGCGAGAGCTCCCTCTTTTGGCCTACCGGCTTCTGGGGGAAGAGGGGGTGCCTTCCCTCCCA
 ATGGAGCTGGAGTATCTGGAGTGCCATCATCCCGCAAGCTCTCCACCTTCTGGGTGGGTGGTGCACAC
 GGTTCGTCCATGTTTAGCATAGTCGTGTTTCTGAGGATTGGGTTCTGGTGGGGCCAGCTGGGCTGTTG
 CAGGCCTTGGCGATGCTACTGGTTGCCTACATCATTCTGGCACTAACAGTCCTCTCAGTGTGTGCCATTG
 CCACCAATGGAGCTGTGAGAGGGGGCGGAGCCTACTTCATGATCAGCAGGACTCTGGGGCCGAGGTTGG
 TGGCAGCATTGGCCTCATGTTCTACCTGGCTAACGTCTGTGGCTGTGCCGTATCCCTGCTGGGACTGGT
 GAGTCTATACTGGACGTCTCGGGGCTGATGCCACAGGCTCCAGTGGGATCCAGGTTCTACCCAGGGTT
 ATGGCTGGAATCTGCTCTATGGTCCCTTCTGCTGGGCTCGTGGTGGTGTGTGCACTTTGGGAGCTGG
 GCTCTATGCCCGAGCCTCCTTTCTTACATTCTGCTGGTTTCTGGCTCCCTGGCCTCCGTGCTGGTCAGT
 TTTGTGGCAGTGGGACCCAGGAACATCCCGTAGCTCCTCGACCGGGCACCAATGCTTCCCTCGTGCCAC
 ACCGGCATGGCCACTTCACTGGTTCAACGGAAGCACCCCTAAGGGACAACCTAGGTGCTGGCTACGCCGA
 GGACTACACCACAGGGGCCATGATGACTTTCGCCAGTGTGTTTGTGCTCCTTCAACGGCTGCACGGGC
 ATCATGGCTGGGGCAACATGTCAGGGGAGCTGAAGGACCCAGCCGGGCAATTCCTCTGGGCACCATCA
 TTGCAGTCGCCTATACCTTCTTCATCTACATCCTGCTGTTCTTCTCCTCCAGCTTCACTTGTGACAGAGC
 CCTGCTTCAAGAAGACTATGGCTTCTCCGTGACATCAGCTTGTGGCCCCGCTCGTGTGATCGGCATC
 ATGCCACGGCCCTCAGCCTCCATGAGCTCTCTCATCGTGCCTCCCGGATCCTGCATCGCTGGGCCCC
 AAGTAGCCTTTTCGGGGTCATCTTGGCACCAGCCAAGTGGTATCTGGAGGGGGCAACCCCTGGGGTGC
 TGTCTGTATTCTCGGGCCTGGTGCAGCTGGTGTGCTGCTGGTGGGAAGCTCAACACATTGGCTGCTGTG
 GTCACCGTCTTCTACTTGGTGGCTTATGCTGCGGTGGACCTGTCTTGCCTGAGTCTGGAGTGGGTTCCGG
 CCCCTAATTCCGCCCCACCTTCACTGCTTCTCCTGGCACACCTGCCTGCTTGGGGTGGCCTCCTGCT
 GCTGATGATGTTTCTCATTAGTCTGGGGCCGCCGGGGTCCCTTCTTCTCATGGGCTGCTTCCGCT
 CTTCTCACCGCACGAGGAGGACCCAGCAGTGGGGTATGTGAGCAAGCCTTGTCTTCCACAGGTTCC
 GGAAGTACTTGTCCGCTGGATGTCCGCAAGGAGCACGTAAGTCTGGCGGCCCCAGCTGCTGCTCCT
 GGTGGGAAACCCACGGGGTGCCTGCCTGCTTCGCTGGCCAACCAGCTAAAGAAGGGGGGACTCTAT
 GTGCTGGGCCATGCTACTCTGGGAGACCTGACTCCTTACCATCAGATCCTGTGCAGCCGAGTATGGTG
 CATGGCTGAGCCTGGTGGACCTTGCCCAAGTGAAGGCCTTTGTGGATCTCACCTATCACCTCCGTGCG
 TCAGGGGGCTCAGCATCTGCTCCGGATCTTGGTCTTGGCGGCATGAAGCCCAACACATTGGTGTGGGT
 TTTTACGACGATGCCCCACCCAGGACATTTTCTAACAGACCCAGCCTTCTCTGAACCTGCAGAGGGCA
 CCAGAGAGGGCGGGTCCGAGCCCTGAGCACGCTGTTCCCTCCACCTCGGGCTCCTGGGAGCCCCAGGGC
 TCTCAGTCCCCAAGACTACGTGGCCACGGTGGCAGATGCTCTCAAGATGAACAAGAATGTGGTTCTCGCA
 CGAGCATGTGGGGCTTTGCCCCGAGCGGCTAAGCCGGGGTCCAGTAGCAGCGCTCAGCTACATCATG
 TGGACGTGTGGCCCTAAACCTGCTGAGGCCCGGGTGGACCTGGTACGTGGACGTCTGTGGCCCTTT
 TCTGTTGCAGATGGCTACCATCTTAAGCATGGTGCCTGCCTGGCACAGTGCCTGGGCTCCGGATCTTCTG
 TGCTTGGGGCCAGGGAGGCTCCTGGGGCAGCAGAGGGAAGGCTTCGGGCCCTGTTGAGTCAACTCAGGA
 TCCGGGCAGAGGTGCAAGAGGTGGTGTGGGGTGAAGGGGCAGAGACTGGCGAGCCTGAGGAGGAGGAAGG
 GGACTTTGTGAATGGTGGTGGAGGACGAAGAGGCTGAGGCTCTAGCTTGCAGTGCCAATGCCCTGGTG
 CGAGCACAGCAGGGGCGAGGCACCGTAGGAGGCCCTGGGGACCCGAAGGAAGGGATGGGGAGGAGGGAC
 CCACCACAGCCCTTACCTTCTGTACCTGCCTCGACCGCCTGCTGATCCTGCTCGCTACCCAGATACT
 GGCCTGCTGGAGACCCTGAGCCGTGATCTGGGTCCCACCCTTCTATTACGGGGTCACTCCGGTAACC
 TGCATGATCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_031406
Insert Size:	2745 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_031406.3 , NP_113583.2
RefSeq Size:	3315 bp
RefSeq ORF:	2745 bp
Locus ID:	83704
UniProt ID:	Q99MR3
Cytogenetics:	5 G2
Gene Summary:	<p>May be an inhibitor of SLC12A1. Seems to correspond to a subunit of a multimeric transport system and thus, additional subunits may be required for its function (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.</p>