

Product datasheet for **MC205424**

Slc5a9 (NM_145551) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc5a9 (NM_145551) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc5a9
Synonyms:	A1159731; SGLT4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021357
 CCACGCGTCCGCCACGCGTCCGGGAGGTTTTGACTAGGCCAGGCTGTGCAGGTATGTTTATGGAAAGGA
 ATGAAGCCAGCAGGACATCAAAGTCCAGACTGCTGAGAACCATCAGTTTCAGATGAACACGGAGCTTGTG
 GCAATGGAACCAGGAGTGTCAAGGAATGGAGTCAGAACTGAGACAACAACGAACCAAGCCTGGGGCTAC
 ATACCTATGACATCGTGGTGGTGGTCACTATTTTGTCTTTGTTCTTGTGTGGGAATTTGGTCATCCAT
 CCGTGCAAGTCGAGGGACCGTTGGTGGCTATTTCTGGCTGGGAGATCCATGACCTGGTGGCCAATTGGA
 GCATCTTAATGTCCAGCAATGTGGCAGTGGCTTATTTATCGGCCTGGCTGGAACAGGGGCTGCTGGAG
 GCCTTGTGTTGGTGGCTTTGAGTGGAACGCAACCTTCTGCTTAGCCCTGGGCTGGATCTTTGTCCC
 TGTGTACATAGCAGCTGGTGTGGTCACCATGCCACAATACCTGAAGAAACGATTTGGGGACAGAGGATC
 CAGGTGTACATGTCAGTTCTTTCTCTCATCCTCTACATCTTACCAAGATATCGACTGATATCTTCTCTG
 GAGCCCTCTTATCCAGATGGCCTTGGGCTGGAATCTCTATCTCTCCACAGTCATCTTGGTGGTGGTAC
 AGCTGTCTACACCATTGCAGGGGGCTCACAGCTGTGATCTACACAGATGCTCTACAGACTGTGATCATG
 GTTGGGGAGCTCTGGTCTCATGTTTCTGGGCTTTCAGGAGTTGGCTGGTACCCAGGCCTGCAGCAGC
 TCTATAGACAGGCCATCCCAATACCACAGTTCCTAACACCACCTGTACCTCCCAGGCCTGATGCCTT
 CCACATGCTTCGAGATCTGTGAATGGAGACATCCCCTGGCCAGGTCTCATTTTTGGCCTCACAGCTTTG
 GCCACCTGGTGTGGTGCACAGACCAGGTGATTGTGCAGAGGTCTCTCGCGGCCAAGAATCTTTCACATG
 CCAAGGGAGGCTCCGTGCTAGGGGGCTACCTAAAGATCCTCCCAATGTTCTTATTGTATGCTGCTGGCAT
 GATCAGCAGGGCCCTGTACCCAGATGAAGTTGCCTGTGTGGACCTGACATCTGTCAAAGAGTGTGTGGG
 GCCAGAGTTGGATGCTCCAATATTGCCTACCCCAAGCTGGTTATGGCTCTCATGCCTGTGGGGCTTCGAG
 GCCTGATGATTGCTGTGATCATGGCTGCCCTCATGAGCTCACTCACCTCCATCTTCAACAGCAGTAGCAC
 CCTGTTTGCCATAGATGTGTGGCAGCGCTTCCGCAGGCAGGCATCGGAGCAAGAGCTGATGGTGGTAGGC
 AGGTTGTTGCTAGTCTTCTGGTAGTCATCAGCATCCTCTGGATCCCCATCATCCAGAGCTCCAATAGTG
 GGCAGCTTTTGACTACATCCAATCTATCACCAGCTACTTAGCCCCCCATCACAGCCCTTCTCTGCT
 GGCTATCTTCTGCAAGAGGGTCAACGAGCCTGGTGCCTTCTGGGCCTCATGTTTGGCCTGGTCTGCGGA
 ATACTGCGTATGATTCTGGAGTTCTCATACTCGGCCCCAGCCTGTGGGGAGATGGACAGGCGGCCAGCTG
 TTCTGAAGGACTTCCACTACCTGTACTTTGCCCTTCTCCTCTGTGGACTGACCGCATCATCATTGTCGT
 AATCAGCTTCTTACGGAGCCCATCCCCGATGACAAGCTTGTCTGCGCTGACCTGGTGGACAAGGAAGTGT
 GCCGTATCTGACCTGCAGAAGAAAACCTCTGTGAGTGTGAACAACACAGAGGGTGAACACTCTCCAGGAC
 TGGCAGGGAGGCCAGTGGTAGAGGGCCCTGCAGGAGATGAGGAAGAAGCAAAACCACTCAGGGGCTGA
 ACAACCAGGAGCCCTACACAGTCTGGGGAAAATGGCTGTGAACTGGTTCTGCGGACTCTCAGGAGCC
 CCACAGCAAGCCCTGAGCCAGCTGAGAAGGCTGTGTTGGAGCAGAAGCTGACCAGCATCGAGGAGGAGC
 CGCTCTGGAGACGTGTCTGCAACATCAACGCCATCATCCTGCTAGCCATCAACATCTTCTCTGGGGCTA
 TTTTCTGACTCCGCAGACTAGGACTTAGTTGAAATGAGTAAGAACCCCTGAACCTGGTCACTCCCCA
 AGACCAGAGGCAGGCTCTTTTCCAAGTGTAGGCTAACTGCAGACCACAGAGGCTGAGCGTGAAGAGG
 CCCGTGAGGAGCATCCAGTCCTATATTCTTGTCAAGTAGAGATACAAAGTACTAGAGCGATCACTAGGAT
 CTCCCCAGGTCACACAGTAGGACTCACACTGGGTCTCCAATTCCAAGTCTTTTCTACTATACTGCCCTG
 TAATCCTACCTCAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_145551

Insert Size: 2058 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: [BC021357](#), [AAH21357](#)

RefSeq Size: 2486 bp

RefSeq ORF: 2058 bp

Locus ID: 230612

UniProt ID: [Q8VDT1](#)

Cytogenetics: 4 D1

Gene Summary: Involved in sodium-dependent transport of D-mannose, D-glucose and D-fructose.
[UniProtKB/Swiss-Prot Function]