

Product datasheet for MC212303

Slc2a9 (NM_001102415) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc2a9 (NM_001102415) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc2a9
Synonyms: Glut9; SLC2a9A; SLC2A9B
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212303 representing NM_001102415
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGATTCCAGGGAGCTTGCTTTAGCTTCCTGATGTGTGACACCGGTGGCCCTGGGAGCTCTCTGTGG
 GTCACCAGCAGAGGAGGACAAAGAAATGGTCTTCTCGCTCGTCGTGGCAGCTCTCGTGGGAGCCTTCGG
 GTCTCTTCTCTACGGGTACAACCTCTCCGTGGTGAACGCGCCACGCGGTATATCAAGGCCTTTTAC
 AATGGAACCTGGTACAGGAGGCATGGACAGCCATTGACCCGGATACCCTGACTCTGCTCTGGTCTGTGA
 CTGTGTCCATATTTGCGATTGGTGGCCTGGTGGGAACGCTGATGGTGAAGATGATTGAAAAGTTTCTTGG
 GAGGAAGTCCACATTGCTGGTCAACAATGGATTTGCCATTTCCGACGCGTTGCTGATGGCATGCTCACTC
 CGGGCAGGAACCTTTGAGATGCTCATTGTGGGACGGTTTCATATGGGTGTGGATGGAGGCATTGCACTCA
 GCGCGCTCCCATGTATCTCAACGAGATCTCACCAAGGAGATCCGGGGCTCTCTGGGCCAGGTGACTGC
 CATCTTCATCTGCATTGGCGTGTCTTCTGGACAGTTGCTGGGCCCTGCCGGAGCTGCTGGGAAGGATCTGG
 TTCTACACCAACAGCATCTTTGGGAAAGCTGGGATCCCTCAGGACAAGATCCCATACATACCCTGAGCA
 CGGGAGGAATTGAAACTGGCTGCTATCTTCTCTGGCTTGGTCATTGAGCGCTTAGGAAGGAGACCTCT
 CCTCATTGGTGGCTTCGGGCTGATGGCCCTCTTCTTTGGGACCCTCACCGGACACTGACCTGCAGGAC
 CAAGCTCCCTGGGTCCCTTACCTCAGCATTGTGTGCATCTTGGCCATCATTGCCTCGTTCTGCAGCGGT
 CAGGTGGGATCCCATTATCCTGACCGGAGAGTTCTTCCAACAGTCAGAGCGACCGGCAGCCTTCATGAT
 CGCAGGCACAGTCAACTGGCTCTCAAATTCGCCGTAGGGCTCCTTTCCCTTTTCATCCAGAAAAGCCTG
 GACTCCTACTGCTTCTCGTCTTCGCCACAATATGTATCGCAGGTGCTACCTACTTCTATTTTGTCTCC
 CGGAGACCAAGAACAGAACCCATGCAGAAATCAGCCAGGCATTTGCCAAGAGGAACAAGGCTCAGCCCC
 AGAGGTGAAGGCTGATTCAGCCATGACTGAGGAGAAGGCCAACAGCCAGACTGAGCCCGATTATCCTCC
 ACCTGGACAGCTATGGCCAAAACAAAATTGTC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001102415
Insert Size:	1296 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:	<u>NM_001102415.1</u> , <u>NP_001095885.1</u>
RefSeq Size:	3281 bp
RefSeq ORF:	1296 bp
Locus ID:	117591
UniProt ID:	<u>Q3T9X0</u>
Cytogenetics:	5 B3
Gene Summary:	<p>Urate transporter, which may play a role in the urate reabsorption by proximal tubules (PubMed:19587147, PubMed:25100214). Does not transport glucose, fructose or galactose (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks two alternate in-frame exons in the coding region, compared to variant 1. The encoded protein (isoform 3, also known as the short form of mGLUT9a) lacks an internal region and is shorter, compared to isoform 1.</p>