

Product datasheet for MC208082

Slc2a9 (NM_145559) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc2a9 (NM_145559) 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: >MC208082 representing NM_145559
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCTCAGTAAAAGAACTCCGCAGAAACCAAGGAAAGCCAGCGGAAATGGTCCTTCTCGCTCGTCCG
 TGGCAGCTCTCGTGGGAGCCTTCGGGTCTCTCTCTACGGGTACAACCTCTCCGTGGTGAACCGCC
 CACGCCGTATATCAAGGCCTTTACAATGGAACCTGGTACAGGAGGCATGGACAGCCATTGACCCGGAT
 ACCCTGACTCTGCTCTGGTCTGTGACTGTGTCCATATTTGCGATTGGTGGCTGGTGGGAACGCTGATGG
 TGAAGATGATTGAAAAGTTTCTTGGGAGGAAGTCCACATTGCTGGTCAACAATGGATTTGCCATTTCCGC
 AGCGTTGCTGATGGCATGCTCACTCCGGGCAGGAACCTTTGAGATGCTCATTGTGGGACGGTTTCATCATG
 GGTGTGGATGGAGGCATTGCACTCAGCGCGCTCCCATGTATCTCAACGAGATCTCACCAAGGAGATCC
 GGGGCTCTCTGGGCCAGGTGACTGCCATCTTCACTGCATTGGCGTGTCTTCTGGACAGTTGCTGGGCT
 GCCGGAGCTGTGGGAAGGATCTGGTCTACACCAACAGCATCTTGGGAAAGCTGGGATCCCTCAGGAC
 AAGATCCCATACATCACCTGAGCACGGGAGGAATTGAAACACTGGCTGCTATCTTCTCTGGCTTGGTCA
 TTGAGCGCTTAGGAAGGAGACTCTCTCATTGGTGGCTTCGGGCTGATGGCCCTCTTCTTGGGACCT
 CACCGCGACTGACCCTGCAGGACCAAGCTCCCTGGGTCCCTTACCTCAGCATTGTGTGCATCTTGGCC
 ATCATTGCCTCGTTCTGCAGCGTCCAGGTGGGATCCCATTCATCCTGACCGGAGAGTTCTTCCAACAGT
 CAGAGCGACCGGCAGCCTTCATGATCGCAGGCACAGTCAACTGGCTCTCAAACCTCGCCGTAGGGCTCCT
 TTTCCCTTTCATCCAGAAAAGCCTGGACTCCTACTGCTTCTCGTCTTCCGACAAATATGTATCGCAGGT
 GCTACCTACTTCTATTTTGTCTCCCGGAGACCAAGAACAGAACCCATGCAGAAATCAGCCAGGCATTTG
 CCAAGAGGAACAAGGCTCAGCCCCAGAGGTGAAGGCTGATTAGCCATGACTGAGGAGAAGGCCAACAG
 CCAGACTGAGCCGATTCATCCTCCACGCTGGACAGCTATGGCCAAAACAAAATTGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_145559
Insert Size:	1251 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_145559.2 , NP_663534.1
RefSeq Size:	3276 bp
RefSeq ORF:	1251 bp
Locus ID:	117591
UniProt ID:	Q3T9X0
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 (4) differs in the 5' UTR and CDS, and lacks two alternate in-frame exons in the coding region, compared to variant 1. The encoded protein (isoform 4, also known as the short form of mGLUT9b) is shorter and has a distinct N-terminus, compared to isoform 1. Sequence Note: Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript from the same strain} was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>