

Product datasheet for **MR222806**

Slc2a9 (NM_001012363) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc2a9 (NM_001012363) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc2a9
Synonyms:	Glut9; SLC2a9A; SLC2A9B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR222806 representing NM_001012363
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCTCAGTAAAAGAAGCTCCGCAGAAACCAAGAAAGCCAGCGGAAATGGTCTTCTCGCTCGTGC
 TGGCAGCTCTCGTGGGAGCCTTCGGTCTCCTCTACGGGTACAACCTCTCCGTGGTGAACCGGCC
 CACGCCGTATATCAAGGCCTTTTACAATGGAACCTGGTACAGGAGGCATGGACAGCCATTGACCCGGAT
 ACCCTGACTCTGCTCTGGTCTGTGACTGTGTCCATATTTGCGATTGGTGGCCTGGTGGAAACGCTGATGG
 TGAAGATGATTGAAAGTTTCTTGGGAGGAAGTCCACATTGCTGGTCAACAATGGATTTGCCATTTCCGC
 AGCGTTGCTGATGGCATGCTCACTCCGGGCAGGAACCTTTGAGATGCTCATTGTGGGACGGTTCATCATG
 GGTGTGGATGGAGGCATTGCACTCAGCGCGCTCCCATGTATCTCAACGAGATCTCACCAAGGAGATCC
 GGGGCTCTCTGGCCAGGTGACTGCCATCTTCATCTGCATTGGCGTGTCTTCTGGACAGTTGCTGGCCCT
 GCCGGAGCTGCTGGGAAGGGAGAGCACCTGGCCATACCTGTTCCGAGTGATCATTGTCCCTGCCTGGTC
 CAGCTGGCAAGCCTGCCATTTCTCCCTGAGAGCCACGCTACCTTCTCTTTGAAAAGCACGATGAAGCAG
 GAGCCATGAAAGCCTTCAAACATTTCTGGGAAAGCAGATGTCTCCAAGAGCTGGAGGAGGCCCTGGC
 CGAGAGCCCGTGCAAAGGAACCTCCGCCTGGTGTCTGTGCTGGAGCTTCTGAGGGCACCTTTGTCCGC
 TGGCAGGTCAACGCTCATTATCACCATGGCCAGCTACCAACTATGTGGACTCAATGCGATCTGTTTCT
 ACACCAACAGCATCTTTGGGAAAGCTGGGATCCCTCAGGACAAGATCCCATACATCACCTGAGCACGGG
 AGGAATTGAAACTGGCTGCTATCTTCTCTGGCTTGGTATTGAGCGCTTAGGAAGGAGACCTCTCCTC
 ATTGGTGGCTTCGGGCTGATGGCCCTCTCTTTGGGACCCTCACCGGACACTGACCCTGCAGGACCAAG
 CTCCTTGGTCCCTTACCTCAGCATTGTGTGCATCTTGGCCATCATTGCCTCGTTCTGCAGCGGTCCAGG
 TGGGATCCCATTCCTGACCGGAGAGTTCTTCCAACAGTCAGAGCGACCGGCAGCCTTCATGATCGCA
 GGCACAGTCAACTGGCTCTCAAACCTCGCCGTAGGGCTCCTTTTCCCTTTCATCCAGAAAAGCCTGGACT
 CCTACTGTTCTCGTCTTCGCCACAATATGTATCGCAGGTGCTACCTACTTCTATTTTGTCTCCCGGA
 GACCAAGAACAGAACCCATGCAGAAATCAGCCAGGCATTTGCCAAGAGGAACAAGGCTCAGCCCCCAGAG
 GTGAAGGCTGATTCAGCCATGACTGAGGAGAAGGCCAACAGCCAGACTGAGCCCGATTATCCTCCACGC
 TGGACAGCTATGGCCAAAACAAAATTGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR222806 representing NM_001012363
 Red=Cloning site Green=Tags(s)

MKLSEKNSAETKESQRKWSFSLVVAALVGAFGSSFLYGYNLVSVNAPTPYIKAFYNGTWYRRHGQPIDPD
 TLLWSVTVSIFAIGGLVGTLMVKMIGKFLGRKSTLLVNNGFAISAALLMACSLRAGTFEMLIVGRFIM
 GVDGGIALSALPMYLNEISPKEIRGSLGQVTAIFICIGVFSGQLLGLPELLGRESTWPYLFVGVIIIPALV
 QLASLPFLPESPRYLLFEKHDEAGAMKAFQTLGKADVSELEEALESRVQRNLRVSVLELLRAPFVR
 WQVITVITMASYQLCGLNAIWFYNSIFGKAGIPQDKIPYITLSTGGIETLAAIFSGLVIERLRGRRPLL
 IGGFGLMALFFGTLTATLTLQDQAPWVPYLSIVCILAIASFCSPGGIPFILTGEFFQQSERPAAFMIA
 GTVNWLSNFVGLLFPFIQKSLDSYCFVLFATICIAGATYFYFVLPETKNRTHAEISQAFKRKAQPPE
 VKADSAMTEEKANSQTEPDSSTLDSYGQNKIV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9030_a05.zip

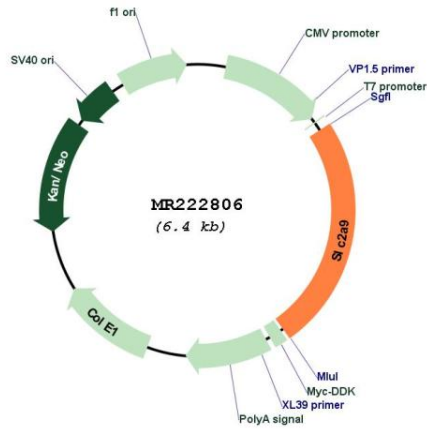
Restriction Sites:

Sgfl-MluI

MW: 57.6 kDa

Gene Summary: 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]

Product images:



Circular map for MR222806