

Product datasheet for **RR202594**

Slc2a3 (NM_017102) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc2a3 (NM_017102) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc2a3
Synonyms:	GLUT3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR202594 representing NM_017102
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGACAGCGAAGGTGACCCCATCTCTGGTGTTCGCTGTTACTGTTGCCACAATCGGTTCTTTCCAGT
 TTGGCTACAACACCGGAGTCATCAATGCGCCTGAGACAATCATTAAAGACTTTCTTAACTACACGTTGGA
 AGAGCGGTTGGAAGACCTACCAAGCGAGGGGCTGCTGACCACGCTCTGGTCGTTATGTGTGGCCATCTTC
 TCCGTTGGGGCATGATTGGCTCTTTTTCTGTCGGACTCTTTGTCAACCGCTTTGGCAGACGCAACTCCA
 TGCTTCTAGTCAACCTGATTGCCATCCTGGGGTTGCCATTATGGGCTTCGCCAAGATAGCGGAGTCGGT
 TGAAATGCTGATCCTGGGCCGCTGATTATTGGCATCTTCTGTGGTCTGTGCACGGGCTTTGTGCCGATG
 TACATTGGAGAGGTGTCTCCACTGCCCTACGGGGTGCATTTGGCAGCTAAACCAGCTGGGCATCGTTG
 TTGGGATCCTTGTGGCTCAGGTCTTTGGTTTGGACTTTATTCTGGGCTCTGAGGAGCTGTGGCTGGACT
 ACTGGGCTTAACCATCATTCCAGCTATCCTACAGAGCGCAGCCCTCCGTTTTGCCCGAGAGTCCAAGG
 TTCTTGCTCATTAAAGAAAGGAGGAAGACCAAGCGACGGAGATCCTCCAGCGGTTGTGGGGCACCCCGG
 ATGTGATCCAGGAGATCCAGGAGATGAAAGACGAGAGTATCAGGATGTCACAGGAGAAGCAGGTCAGTGT
 GCTGGAGCTCTTCAAGTCTCCTAGCTACTTCCAGCCCTTCTCATCTCCGTTGTCTCCAGTTGTCTCAG
 CAGTTCTCTGGGATCAATGCTGTGTTCTATTACTCGACGGGAATCTTCCAGGATGCGGGTGTCCAGGAGC
 CCATCTATGCCACGATTGGAGCGGGTGTGGTCAACACTATCTTCACTGTAGTCTCTCTGTTCTGGTGGGA
 GCGGGCAGGAAGGAGAACCCTGCACATGATAGGCTGGGAGGCATGGCTGTTTGTCCGTTTTATGACG
 ATTTCTCTGTTACTGAAGGATGAATATGAAGCCATGAGCTTTGTCTGTATTGTGGCTATCTTGGTCTACG
 TGGCCTTCTTTGAGATTGGCCCTGGCCCATCCCTGGTTTATTGTGGCTGAACCTTTCAGCCAGGGCC
 CCGACCAGCTGCCATGGCTGTGGCTGGCTGTTCTAACTGGACCTCCAACCTTTTTGGTGGGAATGTTCTTC
 CCCTCGGCTGCGCCTACTTGGGAGCCTACGTTTTTATCATCTTCGCTGCCTTCTCGTTTTCTTCTCAA
 TCTTACCTTCTTCAAAGTCCCAGAGACCAAAGGCAGGACTTTTCGAGGATATTACCCGGGCTTCGAGGG
 GCAGGGCAGTCTGGAAAGGCTCTGCTGGTGTGGAGTTGAACAGCATGCAGCCTGTCAAGGAGACCCCT
 GGCAATGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR202594 representing NM_017102
 Red=Cloning site Green=Tags(s)

MGTAKVTPSLVFAVTVATIGSFQFYNTGVINAPETIIKDFLNYLLEERLEDLPSEGLLTTLWSLCAVIF
 SVGGMIGSFSVGLFVNRFGRNSMLLVNLIAILGGCLMGFAKIAESVEMILGRLIIGIFCGLCTGFVPM
 YIGEVSPALRGAFGTLNQLGIVVGIILVAQVFLDFILGSEELWPGLLGLTIIPAILQSAALPFCPESPR
 FLLINRKEEDQATEILQRLWGTPDVIQEIQEMKDESIRMSQEKQVTVLELFFKSPSYFQPLLSVVLQLSQ
 QFSGINAVFYSTGIFQDAGVQEPIYATIGAGVVNTIFTVVSLFLVERAGRRTLHMIGLGMAVCSVFMT
 ISLLLKDEYEAMSFVCIVAILVYVAFFEIGPGPIPWFIVAELFSQGRPAAMAVAGCSNWTSNFLVGMFF
 PSAAAYLGAYVFIIFAFLVFFLIFFFKVPETKGRTFEDITRAFEGQAQSGKGSAGVELNSMQPVKETP
 GNA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja2795_e08.zip

Restriction Sites:

Sgfl-Mlul

RefSeq: [NM_017102.2](#), [NP_058798.2](#)

RefSeq Size: 1482 bp

RefSeq ORF: 1482 bp

Locus ID: 25551

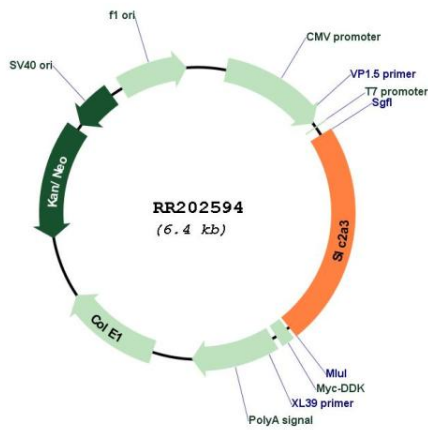
UniProt ID: [Q07647](#)

Cytogenetics: 4q42

MW: 53.6 kDa

Gene Summary: may act as a glucose transporter in neurons; may mediate increased glucose uptake in response to neuronal injury [RGD, Feb 2006]

Product images:



Circular map for RR202594