

Product datasheet for **MR207915**

Slc2a3 (NM_011401) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc2a3 (NM_011401) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc2a3
Synonyms:	AA408729; AL023014; AL024341; AU040424; C78366; Glut-3; Glut3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207915 representing NM_011401
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGACAACGAAGGTGACCCCATCTCTGGTGTTCGCCGTGACTGTTGCCACGATCGGCTCTTTCCAGT
 TTGGCTACAACACTGGAGTCATCAATGCACCTGAGACAATCCTAAAGGACTTTCTTAACTACACTTTGGA
 AGAGCGGTTAGAAGACCTACCAAGTGAGGGACTGCTGACTGCCCTCTGGTCCTTATGTGTGGCCATCTTC
 TCTGTTGGTGGCATGATTGGCTCTTTTTCTGTTGGACTCTTTGTCAACCGCTTTGGCAGACGCAACTCTA
 TGCTTCTAGTCAACTTGCTGGCCATCATTGCGGGCTGCCTTATGGGATTCGCCAAGATAGCGGAGTCTGT
 TGAAATGCTGATCCTGGGCCGCTTACTCATTGGCATTCTTGTGGCTGTGCACGGGCTTTGTGCCTATG
 TACATTGGAGAGGTGTCTCCACTGCCCTTCGGGGTGCATTTGGCACACTAAACCAGCTGGGCATCGTTG
 TTGGGATTCTGGTAGCTCAGATCTTTGGTTTGGACTTTATTCTGGGCTCTGAAGAACTGTGGCTGGGCT
 CCTTGGCTTAACCATCATTCCAGCTATCCTGCAAAGCGCAGCCCTCCATTTTGCCTGAGAGTCCAAGA
 TTCTTGCTCATTAAACAAAAGGAGGAAGACCAAGCTACAGAGATCCTGCAGCGCTTGTGGGGCACCTCGG
 ACGTGGTCCAGGAGATCCAGGAGATGAAGGATGAGAGTGTTCGGATGTCACAGGAGAAGCAGGTGACTGT
 GCTGGAGCTCTTCAGGTCACCCAACCTACGTCACGCCGCTTCTCATCTCCATTGTCCTCCAGCTGTCTCAG
 CAGCTCTCTGGGATCAATGCTGTGTTCTATTACTCAACAGGAATCTTCAAGGACGCGGGTGTCCAGGAAC
 CGATCTATGCCACGATTGGAGCAGGCGTGGTCAATACTATCTTCACTGTAGTTTCTCTGTTCCCTGGTGG
 GAGGGCAGGGAGGAGAACCCTGCATATGATAGGCTGGGAGGCATGGCTGTTTGTCCGTTTTTCATGACG
 ATTTTCGCTGTTACTAAAGGATGACTATGAAGCCATGAGCTTTGTCTGTATTGTGGCTATCTTGATCTACG
 TAGCCTTCTTTGAGATTGGACCTGGCCCCATTCCCTGGTTTATTGTGGCTGAGCTTTTCAGCCAGGGCCC
 CCGCCCAGCTGCCATTGCGGTGGCTGGCTGTTGTAAGTGGACCTCCAACCTTCTGGTCCGAATGCTCTTC
 CCCTCAGCTGCAGCCTACTTAGGAGCCTACGTTTTTATCATCTTCGCTGCCTTCTCATCTTCTTCTTAA
 TCTTACCTTCTTCAAAGTCCCGGAGACCAAAGGCAGGACTTTTCGAGGACATTGCCCGGGCCTTCGAGGG
 GCAGGGCGACTCTGAAAAGGCCCTGCCGGTGTGGAGTTGAACAGCATGCAGCCGGTCAAGGAGACCCCT
 GGCAACGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207915 representing NM_011401
 Red=Cloning site Green=Tags(s)

MGTTKVTPSLVFAVTVATIGSFQFYNTGVINAPETILKDFLNYTLEERLEDLPSEGLLTALWSLCVAIF
 SVGGMIGSFSVGLFVNRFGRNSMLLVNLLAIAGCLMGFAKIAESVEMILGRLLIGIFCGLCTGFVPM
 YIGEVSPALRGAFGTLNQLGIVVGILVAQIFGLDFILGSEELWPGLLGLTIIPAILQSAALPFCPESPR
 FLLINKKEEDQATEILQRLWGTSDVVQEIQEMKDESVRMSQEKQVTVLELFRSPNYVQPLLSIVLQLSQ
 QLSGINAVFYSTGIFKDAGVQEPIYATIGAGVVNTIFTVVSLFLVERAGRRTLHMIGLGMAVCSVFMT
 ISLLLKDDYEAMSFVCIVAILIYVAFFEIGPGPIPWFIVAELFSQGRPAAIIVAGCCNWTNLFVGLMF
 PSAAAYLGAYVFIIFAFLIFFLIFFKVPETKGRTFEDIARAFEGQAHSKGKGPAGVELNSMQPVKETP
 GNA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9016_e09.zip

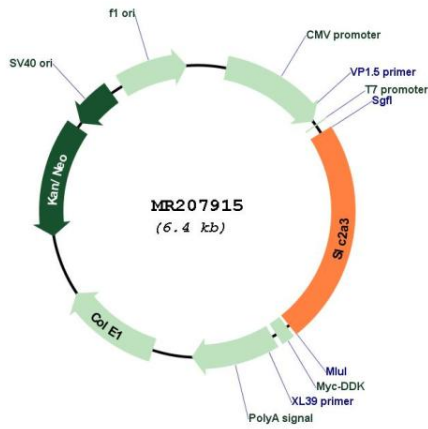
Restriction Sites:

Sgfl-Mlul

MW: 53.9 kDa

Gene Summary: Facilitative glucose transporter that can also mediate the uptake of various other monosaccharides across the cell membrane. Mediates the uptake of glucose, 2-deoxyglucose, galactose, mannose, xylose and fucose, and probably also dehydroascorbate. Does not mediate fructose transport.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207915