

Product datasheet for **MR205817**

Slc35f2 (BC055843) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Slc35f2
Synonyms:	1500009K05Rik; AU019213
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR205817 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGCTGAGTCGCCGGCGAGTGCGGGGCCAGCGAGCCCCGGGCGCTGGGTACGGTGGACAGTATCG
GCAGCCAGCTGAGCAGGATCCGACGCAAACTCTTCACCTGGGATATTTGAAGACCATAGCTCTGGGCCA
GATGCTGTCTTTGTGATTTGCGGCACGGCCATCACCAGCCAGTATTTGGCAGAAAAGTACAGAGTGAAC
ACGCCCATGCTGCAGAGTTTCATCACTACTGCTTCTCTCTGGTTTACACGGTGTGCTGGCGTTTC
AGTCAGGCAGTGATAACCTCCTGGAGATTTTGAGAAGAAAATGGTGGAAGTATACTCTCTTGGGGCTTGC
CGATGTGGAAGCCAATTATCTGATTGTGAGCATACAGTACACGACTCTGACCAGTGTCCAGCTCTTG
GATTGCTTTGGGATTCTGTGTTGATGGCTCTCTCTCTGGTTTATTCTCCGGCAAGATACAAAGTATCC
ACTTCATTGCTGTGTTTGTCTGTCTGCTGGGTGTAGGGACCATGGTTGGTGACAGATATTAGCTGGGCG
AGAAGATAATTCAGGGAGTGATGTTCTTATTGGTGACATCTTAGTCTGCTTGGGGCTTCCCTTTATGCT
GTGTCTAACGTGTGTGAAGAATACATCGTGAAGAAGCTGAGCAGACAGGAATTTTAGGAATGGTGGGAC
TATTTGGAACAATCATCAGCGGCATACAGCTATTGATTGTGGAATATAAGACATTGCCCGGATTCAGTG
GGACTGGAAAATTGCCCTGTTATTTGTGGCATTGGCCCTCTGTATGTTTGCCTGTACAGCTTCATGCCA
TTGGTGATTAAAGTCACGAGTGCCACTTCAGTCAACCTGGGCATCCTGACAGCTGACCTCTACAGCCTTT
TCTTTGGGCTTTTTTATTTCGAGTAAAGTTCTCAGGACTCTACATCCTGTCTGTTACAGTCATCATGGT
TGGCTTCATCTGTACTGTTCCACCCCAACGCGCACGGTAGAGCCCCAGAAAGCAGCGTGCCCCCTGTT
ACCAGCATCGGGATCGACAATTGGGACTGAAGCTTGAGGAGCGGTCTCCCGGAGACCACTCTGCAG
TCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:

>MR205817 protein sequence
 Red=Cloning site Green=Tags(s)

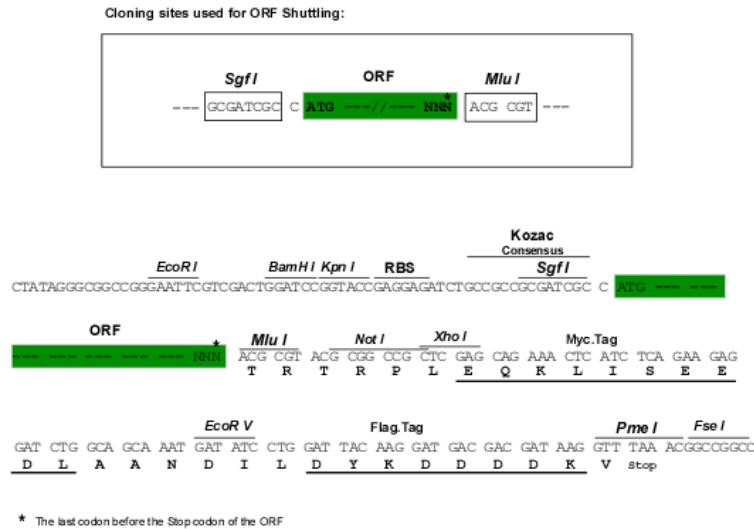
MEAESPASAGASEPRALGTVDISGSQLSRIRKLFTWDILKTIALGQMLSLCICGTAITSQYLAEKYRVN
 TPMLQSFINYCLLFLVYTVMLAFQSGSDNLLLEILRRKWKYTLLGLADVEANYLIVRAYQYTTLTSTVQLL
 DCFGIPVLMALSWFILRARYKVIHFIIVFVCLLVGTMTVGADILAGREDNSGSDVLIGDILVLLGASLYA
 VSNVCEEYIVKKLSRQEFLLGMVGLFGTIIISGIQLLIVEYKDIARIQWDWKIALLFVAFALCMFCLYSFMP
 LVIKVTSATSVNLGILTADLYSLFFGLFLFEYKFSGLYILSFTVIMVGFILYCYSTPRTTRTEPPPESSVPPV
 TSIGIDNLGLKLEESGLPETHSAVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

BC055843

ORF Size:

1125 bp

OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:

This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC055843](#), [AAH55843](#)

RefSeq Size: 2596 bp

RefSeq ORF: 1127 bp

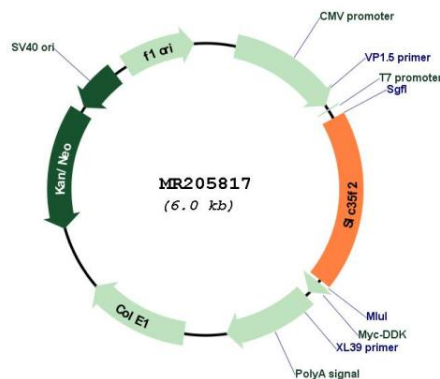
Locus ID: 72022

Cytogenetics: 9 A5.3

MW: 41.6 kDa

Gene Summary: Putative solute transporter.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205817