

Product datasheet for RC209118

SLC35E1 (NM_024881) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35E1 (NM_024881) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC35E1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC209118 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCATCTGGGTGGTCTCTGTCCCGGATCATTATGAAGGAGAAGCAGAGCACCAAGGTATACTTGT
CACTCATCCCCATCATCAGCGGTGCTCTGCTGGCCACCGTCACCGAGTTGTCTTTTGACATGTGGGGACT
CGTCAGCGCCCTCGCCGCCACGCTGTGCTTCTCGCTTCAAGAACATTTTCTCCAAAAGGTCTTGCGAGAT
TCACGGATCCACCATCTCCGGCTGCTCAACATCCTGGGCTGCCACGCCGTCTTCTTTATGATCCCCACCT
GGTTCTGGTGGACCTCTCGGCTTCTGGTCAAGCAGCAGTGGACCTACGCTACCAAGTGGCCCTGGAC
GCTCCTGCTCCTGGCTGTCAAGCGCTTCTGTAACCTTGGCCAGAATGTTATCGCCTTCAGCATCCTCAAC
CTCGTTAGCCCCCTGAGCTACTCGGTCGCAATGCCACCAAAAAGAATCATGGTCATCACGGTGTCCCTGA
TCATGCTGCGCAACCCAGTCAACAGCACCAACGCTCCTGGGCATGATGACCGCCATCCTGGGGTCTTCTCT
CTATAACAAGACCAAGTACGATGCAAACAGCAAGCCAGGAAGCACCTCCTCCCCGTCAACACAGCAGAC
CTGAGCAGCAAGGAGCGTCAACGGAGCCACTGGAGAAGCCCCACAACGGCCTCTTCCCCCAGCAGC
GGGACTATCAGTACGGCCGAACAACATCTTAACAGACCCTTCAATACAGCCGGCAGAGCTACCCAAA
CTCGTACAGTTTGAACCGCTATGATGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC209118 protein sequence
 Red=Cloning site Green=Tags(s)

MPIWVLLSRIIMKEKQSTKVYLSLIPIIISGVLLATVTELSFDMWGLVSALAATLCFSLQNI FSKKVL RD
 SRIHHLRLLNILGCHAVFFMIPTWVLDLSAFLVSSDLTYVYQWPWLLLLAVSGFCNFAQNVIAFSILN
 LVSPLSYSVANATKRIMVITVSLIMLRNPVTSTNVLGMMTAILGVFLYKTKYDANQQARKHLLPVTAD
 LSSKERHRSPLEKPHNGLLFPQHGDYQYGRNNILTDHFQYSRQSYPNYSYLNRYDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6705_a08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024881

ORF Size: 798 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.

RefSeq: [NM_024881.3](#), [NP_079157.2](#)

RefSeq Size: 5109 bp

RefSeq ORF: 1233 bp

Locus ID: 79939

UniProt ID: [Q96K37](#)

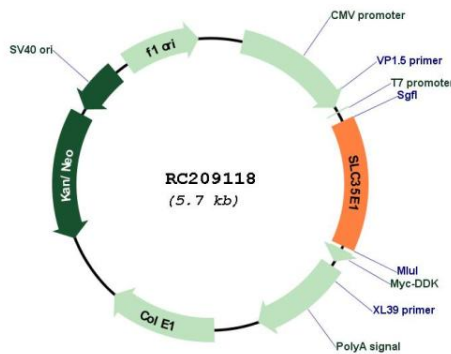
Cytogenetics: 19p13.11

Protein Families: Transmembrane

MW: 30.2 kDa

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

Product images:



Circular map for RC209118