

Product datasheet for RC206191

SLC35F1 (NM_001029858) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35F1 (NM_001029858) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC35F1
Synonyms:	C6orf169; dj230l3.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC206191 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATCCCCCTGAGCAGCCGAGCAGCAGCTGCAGCCGCGTCGCCAGCCCCGCCGAACCATGTGGTGA
 CCACCATCGAGAACCTGCCGGCCGAGGGCAGCGCGCGCGGGAGCCTGTCCGCCTCTCCCGGGCTGG
 CGTGCGCCAGAGGATCCGCAAAGTGCTGAACAGGGAGATGTTAATCTCTGTGGCCCTAGGCCAGGTGTTA
 TCCCTCCTTATTGTGGAATTGGCTTGACTAGCAAGTATCTGTCAGAAGATTTCCACGCCAACACACCAG
 TCTTCAGAGTTTCTCAATTACATTCTTCTTCTTGGTCTATACCACCACACTAGCCGTCAGACAAGG
 AGAAGAAAACCTCCTGGCAATTTACGACGAAGATGGTGGAAATACATGATTTTGGGACTCATAGACCTG
 GAAGCAAATTATCTGGTGGTCAAGGCTTACCAATACACAAATCTGACCAGTATCCAGCTCCTGGACTGTT
 TTGTGATCCCAGTCGTGATTTTGTCTCTCTGTTCTTCTGCTGATCCGGTACAAGGCTGTGCATTTTCAT
 CGGCATCGTTGTCTGCATCCTGGGAATGGGCTGCATGGTGGGAGCAGATGTGCTTGTGGGAAGACATCAG
 GGAGCAGGGGAAAATAAGCTGGTAGGGGACCTTCTGGTCTTAGGAGGAGCCACACTCTATGGTATTTCTA
 ACGTCTGGGAAGAATACATCATCCGAACCTCTGAGCCGAGTGAATTCCTGGGAATGATTGGTCTCTTTGG
 AGCATTTTTAGTGGAATTCAATTAGCTATAATGGAGCATAAGGAACCTGTTGAAGGTGCCCTGGGACTGG
 CAAATAGGACTGCTCTACGTTGGCTTTAGTGCCCTGCATGTTTGGTCTCTACAGCTTTATGCAAGTCGTCA
 TAAAGAAAACCAAGTGCCACTTCAGTCAACCTCTCCTTGCTCACAGCAGACTTGTACAGCCTGTTCTGTGG
 ATTGTTTCTCTTCCACTACAAGTTTTCAGGACTTTATCTCCTGTCTTCTTCCACCATCCTATTGGGCTG
 GTGCTCTACTCTCCACCTCCACCTACATAGCCCAGGACCCCGAGTGTATAAGCAGTTCGCAATCCTT
 CAGGACCTGTTGTGGACTTACCGACCACAGCTCAGGTGGAACCTCAGTCACCTACACGCTGGGCCA
 GGAGACCGAAGAGGAGCCTCATGTTCTGTGTGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC206191 protein sequence
 Red=Cloning site Green=Tags(s)

MIPPEQPQQQLQPPSPAPPNHVVTIENLPAEGSGGGGSLASSRAGVRQRIRKVLNREMLISVALGQVL
 SLLICGIGLTSKYLSEDFHANTPVFQSFLNYILLFLVYTTTLAVRQGEENLLAILRRRWWKYMILGLIDL
 EANYLVVKAYQYTNLTSIQLLDCFVIPVVILLSWFFLLIRYKAVHFIGIVVCILGMGCMVGADVLVGRHQ
 GAGENKLVGDLVLGGATLYGISNVWEEYIIRTLRVEFLGMIGLFGAFFSGIQLAIMEHKELLKVPWDW
 QIGLLYVGFSAACMFGLYSFMQVVIKTSATSVNLSLLTADLYSLFCGLFLFHYKFSGLYLLSFFTILIGL
 VLYSSTSTYIAQDPRVYKQFRNPSGPVVDLPTTAQVEPSVTYTSLGQETEEEPHVRVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6542_c09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001029858

ORF Size: 1224 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: NM_001029858.2

RefSeq Size: 4852 bp

RefSeq ORF: 1227 bp

Locus ID: 222553

UniProt ID: Q5T1Q4

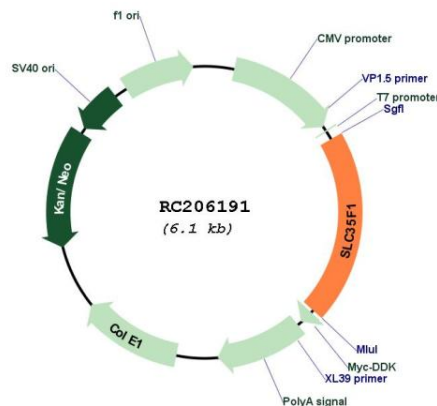
Cytogenetics: 6q22.2-q22.31

Protein Families: Transmembrane

MW: 45.4 kDa

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

Product images:



Circular map for RC206191