

Product datasheet for **MC219467**

Slc26a11 (NM_178743) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc26a11 (NM_178743) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc26a11
Synonyms:	F630021I08Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219467 representing NM_178743
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACCAGACACATGCTGCTGCTGCTACGGCCCTGAGGAGGAGGCTACCCGTCCTGGCCTGGGTGC
 CTGACTACTCTCTGCAGTGGCTGAGGCTGGACTTCATCGCTGGACTTTCGGTGGGACTCACCGTCATTCC
 CCAGGCCCTGGCCTATGCAGAAGTGGCTGGACTCCACCCAGTACGGCCTCTACTCTGCCTTCATGGGA
 TGCTTCGTGATTTCTTCTGGGCACCTCCCGGATGTGACTCTGGGCCACCGCTATCATGTCTCTCC
 TGGTGTCTTCTACACCTTCCGTGAGCCTGCCTATGCTGTGCTGCTTGCCTTCTGTCTGGGTGTATCCA
 GCTGGCCATGGGGCTCCTGCATTTGGGGTTCCTGCTGGACTTCATCTCCTGCCCTGTCATTAAGGCTTC
 ACCTCCGCTGCCAGCATCAAAATGGCTTTGGACAGATCAAGAACCTGCTGGGATTGCAGAAAATCCCC
 GGCAGTTCTTCTCCAGGTGTACCACACCTTCTCCACATCGGAGAGACCAGGTAGGCGACGCTGTCT
 CGGACTGGCCTCCATGTTGCTGCTGCTTGTGCTGAAGTGTATGCGGGAACACATGCCTCCTCCCCATCCT
 GAGATGCCCTTGCCGTGAAGTTCAGCCGTGGGCTGGTGTGGACTGTCAACAGCTCGCAATGCCCTGG
 TGGTCTCTCCGCGGCTCTGATTGCTTACGCCTTCGAGGTGACAGGATCCCATCCCTTTGTTCTGACTGG
 AAAGATCGCCGAGGGGCTCCCTCCGGTGCAGTCCACCCCTTCTCAGTGACCAGGGACAATAAGACCATC
 TCGTTCTCTGAGATGGTGACAGACATGGGGCCGGACTGGCTGTGGTACCTCTGATGGGGCTCCTGGAGA
 GCATTGCCGTGGCCAAATCCTTCGCGTCTCAGAATAACTACCGCATTGATGCTAACCGAACTACTGGC
 CATTGGCCTCACCAATGTCTGGGCTCCCTCGTCTCCTTACCAGTCACTGGCAGCTTGGGCGGACA
 GCTGTGAATGCCAGACAGGGGTGTGTACCCCGCAGGAGGCTGGTACTGGTGCCTGGTGTCTGTGT
 CCTGAACTACTTGACCTCACTTCTCCTATATCCCCAAGTCTGCCCTGGCTGCCGTGATCATCACGGC
 TGTGACCCCACTCTTGTGATGCAAGATCTTCAGGAGTCTCTGGCGGTTACAGAGGCTGGATCTGCTACCA
 CTGTGTGTGACGTTCTGCTGCTTCTGGGAGATCCAGTACGGTATCCTGGCCGGTAGCCTGGTGTCTT
 TGCTATTCTCCTGCACTCGGTAGCTAGGCCAAAGACTCAGGTGTGAGAAGGACAAATTTTGTCTTCA
 GCCGGCCAGCGCCTGTACTTCCCTGCAATTGATGCCCTCCGAGAGGCAATAACGAACCGGGCACTGGAA
 GCATCCCCACCACGTTCCGCGTCTGGAGTGACGCATATCAGCAGTGTAGACTACACCGTGATCGTGG
 GACTCGGTGAGCTCCTGGAGGACTTCCAGAAGAAAGGAGTCGCCCTGGCCTTTGTTGGCCTACAGGTGCC
 CGTGTCCGCACACTGTTGGCCGCTGACCTCAAGGGGTTCCGTTACTTACCACCTCTGGAGGAGGCTGAG
 AAATTCCTGCAGCAGGAACAGGAACTGAGCCCAACAGCATCCATGAAGATGCTGTCCAGAGCAAAGGA
 GCTCCCTGCTCAAGTCTCCCTCCGGCCCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1983_a05.zip
Restriction Sites: Sgfl-Mlul
ACCN: NM_178743
Insert Size: 1782 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_178743.3](#), [NP_848858.2](#)

RefSeq Size: 2692 bp

RefSeq ORF: 1782 bp

Locus ID: 268512

UniProt ID: [Q80ZD3](#)

Cytogenetics: 11 E2

Gene Summary: Exhibits sodium-independent sulfate anion transporter activity that may cooperate with SLC26A2 to mediate DIDS-sensitive sulfate uptake into high endothelial venules endothelial cells (HEVEC).[UniProtKB/Swiss-Prot Function]