

Product datasheet for RC235821

TMEM9B (NM_001286094) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM9B (NM_001286094) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TMEM9B
Synonyms: C11orf15
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC235821 representing NM_001286094
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGTGCGGGGGCTGATGTAGAAGCATACTGTCTACGCTGTGAATGCAAATATGAAGAAAGAAGCT
 CTGTCACAATCAAGGTTACCATTATAATTTATCTCTCCATTTGGGCCTTCTACTTCTGTACATGGTATA
 TCTTACTCTGGTTGAGCCCACTGAAGAGGCGCCTCTTTGGACATGCACAGTTGATACAGAGTGATGAT
 GATATTGGGGATCACCAGCCTTTTGCAAATGCACACGATGTGCTAGCCCGCTCCCGAGTCGAGCCAACG
 TGCTGAACAAGGTAGAATATGCACAGCAGCGCTGGAAGCTTCAAGTCCAAGAGCAGCGAAAGTCTGTCTT
 TGACCGGCATGTTGTCTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235821 representing NM_001286094
 Red=Cloning site Green=Tags(s)

MPVRGPDVEAYCLRCECKYEERSVTIKVTIIYLSILGLLLLYMYLTLVEPILKRRLFHGAQLIQSDD
 DIGDHQPFANAHDVLAARSRRANVLNKVEYAQQRWKLQVQEQRKSVFDRHVLS

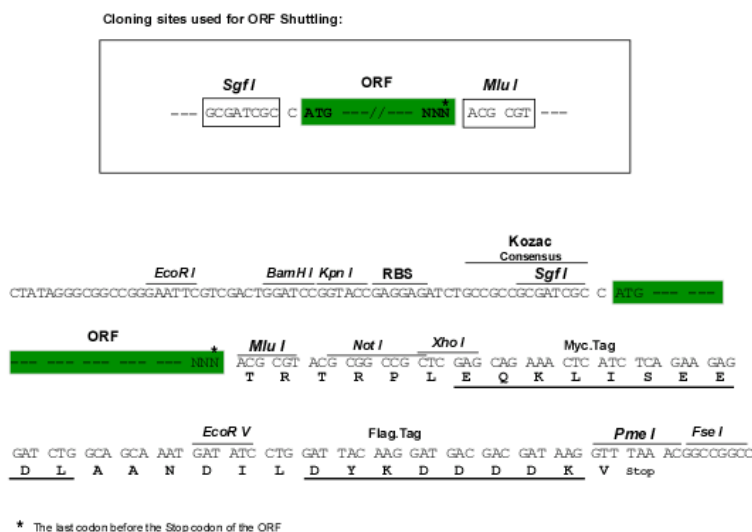
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM 001286094

ORF Size: 372 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_001286094.1](#), [NP_001273023.1](#)

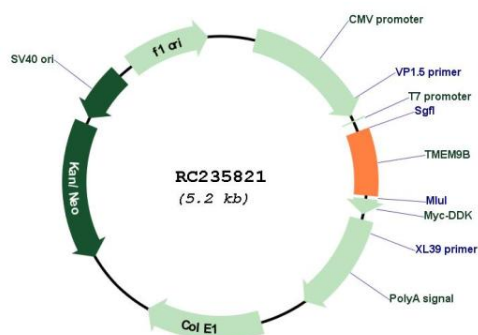
RefSeq Size: 2092 bp

RefSeq ORF: 375 bp
 Locus ID: 56674
 UniProt ID: [Q9NQ34](#)
 Cytogenetics: 11p15.4
 Protein Families: Transmembrane

MW: 14.9 kDa

Gene Summary: Enhances production of proinflammatory cytokines induced by TNF, IL1B, and TLR ligands. Has a role in TNF activation of both the NF-kappaB and MAPK pathways.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC235821