

Product datasheet for RC219480

TMEM185B (NR_000034) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM185B (NR_000034) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM185B
Synonyms:	FAM11B; FLJ20979
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC219480 representing NR_000034 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAACCCAGGGGCTGTTCCAGGACTTCAACCCAGTAAGTTTCTCATCTACACCTGCCTGCTGCTCT
 TCTCGGTGCTGCTGCCCCCGCCTGGACGGCATCATCCAATGGAGCTACTGGCCGTCTTTGCCCCCAT
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 GTGACCATGGCTATCAGTTGGATAACGATTGTCGTGCCTCTGCTCACTTTTGAGGTCCTGCTGGTTCACA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RC219480 representing NR_000034
 Red=Cloning site Green=Tags(s)

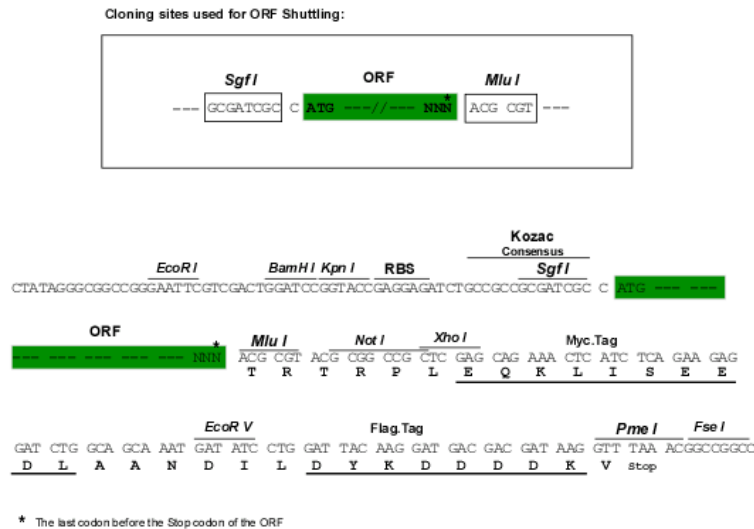
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 ELEILCSVNILQFIFIALKLDRIHWPVLVVFPLWILMSFLCLVLYIIVWSLLFLRSLDVVAEQRRTH
 VTMAISWITIVVPLLTFEVLVHRLDGHNTFSYVSIFVPLWLSLLTLMATTFRRKGGNHWWFGIRRDFCQ
 FLLEIFPFLREYGNISYDLHHEDSEDAEETSVPEAPKIAPIFGKKARVVITQSPGKYVPPPPKLNIDMP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6477_h08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NR_000034

ORF Size: 1047 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: NR_000034.1

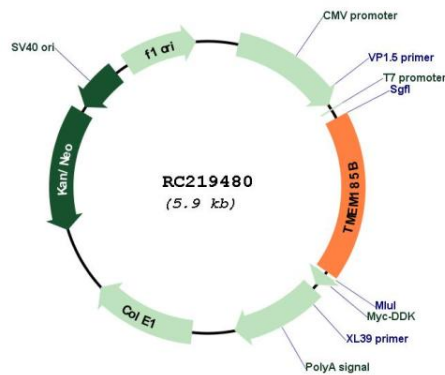
RefSeq Size: 2131 bp

RefSeq ORF: 1049 bp

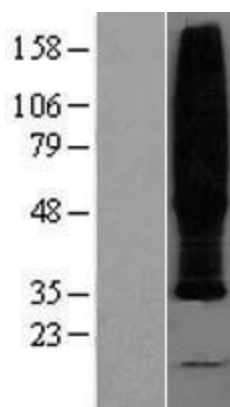
Locus ID: 79134

Cytogenetics: 2q14.2

Product images:



Circular map for RC219480



Western blot validation of overexpression lysate (Cat# [LY403753]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC219480 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).