

Product datasheet for **MR219036**

Tmem30c (NM_027651) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Tmem30c
Synonyms:	4933401B01Rik; 4933409A18Rik; Cdc50c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR219036 representing NM_027651
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTGCACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGATGATGCCCCAGTATGACCTGTCCAGACTGCCAGAAAACACAGCATTGAAACAGCAAACGTTGC
CCACCCAGCAGCTAAATCTATCTGCCTCGGTGGTCTCTCTATCTTTTCATCACAGGAGGATTCTGCCT
CTCTATAGGCATCATCCTTCTGTTGTCTGCAAAGAGCACCAAGAAAATTGAGATAAATTACACAAAGACG
TGTGCGAATTGCGCTCAGCTCCGGGAAAATAGTTCTAATTTTGACAAAGCATGCAACTGTTCTCTTCCTT
TTTACCTTCCGGAGAAAATGGAGGGTGATGTTTATATGTAATACTACAACTGTATGGTTTCTATCAGAATCT
CTATCAATATATCTTATCAAGAAGCAATAGCCAATTGGTGGTAAGGATATTTGGGATACTACGAACTGT
GATCCGTTCCAAGTGTCACCAATGACACTCCCATCATTCTTGTGGTGCAATTGCCAACAGCATATTCA
ATGATACCATAACTCTTTCATACAACCTGAATTCATCTACACAGATAGAAGTCCCAATGCTAAAGAGTGG
GCTTACATGGTGGACAGATAAGTATGTCAAATTCGGAATCCAAGATCCAGTAACTTCACCAAGTACATTT
GCAGGAAGTTCGAAGCCTCTGCACTGGGCCAAACCTATCTATGAACTGGATCTAGATGACCCAGGGAACA
ATGGCTTTCTCAATGAGGACTTCATTGTGTGGATGCGGACGGCTGCCTTCCCACTTTCAAAAACTGTA
CCGCCGACTGAAGCGCGTGCACGCCTTCGCTGAAGGCTTACCTGCTGGTAACTACAGTTTGAGCATCTCC
TACAACCTTTCCAGTAACCATGTTCCAAGGAGAAAAGTCCATTGTCTTTCCACTCTGACATGGATCGGGG
GAGGAGGCCTTTTCTTGGGGCTGACTTACACAGTGACGGGGCACTGACGCTGTTGGCCTCTTTGCCAT
CCTGACGATTCACCTTGATGCTGAAAAGGAGTAACTGAATTCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR219036 representing NM_027651
Red=Cloning site Green=Tags(s)

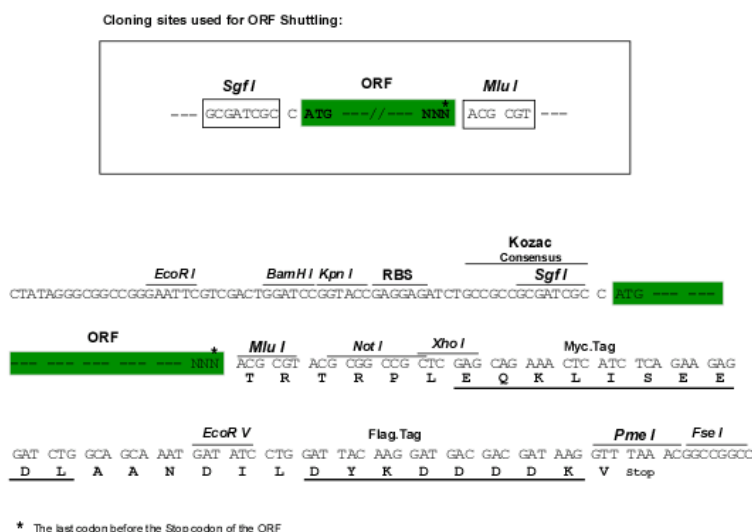
MEMMPQYDL SRLPENTALKQQLPTQQLNL SASVLSIFFITGGFCLSIGIILL SAKSTKKIEINYTKT
CANCAQLRENSNFDKACNCSLPFYLPKMEGDVYMYKLYGIFYQLYQYILSRNSQLVGKDIWDTTNC
DPFQVSHNDTPIPCGAIANSIFNDTTL SYNLNSSTQIEVPM LKSGLTWMTDKYKFRNPRNSNFTSTF
AGSSKPLHWAKPIYELDLDDPGNGGLNEDFIWVMRTAAFPFKKLYRRLKRVAHFAEGLPAGNYSLSIS
YNFPVTMFOGEKSIVELSTLTWIGGGFLGLTYTVTGTALLLSAAILTIHMLKRSKLNFEL

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9060_q04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_027651

ORF Size: 1026 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_027651.1](#), [NP_081927.1](#)

RefSeq Size: 1382 bp

RefSeq ORF: 1029 bp

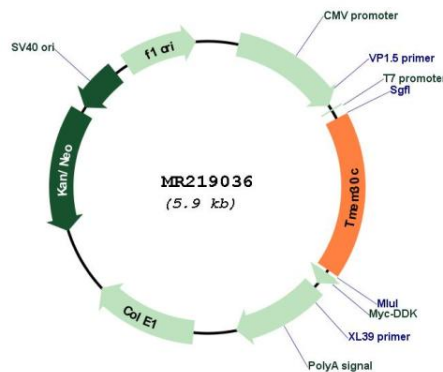
Locus ID: 71027

UniProt ID: [Q9D4D7](#)

Cytogenetics: 16 C1.1

MW: 38.6 kDa

Product images:



Circular map for MR219036