

Product datasheet for **RC205971**

TMEM47 (NM_031442) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM47 (NM_031442) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TMEM47
Synonyms: BCMP1; TM4SF10; VAB-9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC205971 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTCGGCGGGCAGCGGCATGGAGGAGGTGCGGTGTGCGGTGCTGACCCCTTGAAGCTGGTCGGGC
TGGTGTGCATCTTCTGGCGCTGTGTCTGGACCTGGGGCGGTGCTGAGCCCGCCTGGGTCACAGCTGA
CCACCAGTACTACCTGTCGTTGTGGGAGTCTGCCGAAACCCGCCAGCTGGACATCTGGCACTGCGAG
TCCACGCTCAGCAGCGATTGGCAGATTGCTACTCTGGCTTACTCTGGCGGCGCTGCCATCATTCTCA
TTGCATTCCTGGTGGGTTTATTCTATCTGCGTGGGATCTCGAAGGCGTTTCTATAGACCTGTTGCGGT
CATGCTTTTTGCAGCAGTTGTTTTACAGGTTTGCAGCCTGGTCCTTTACCAATCAAGTTCAATTGAACT
GTGAGCTTGAAAATTTACCATGAGTTCAACTGGGTTATGGCCTGGCCTGGGGTGAACCTATATTTTCGT
TTGGGGTGCCATCCTTTATTGCCTGAACCCTAAGAAGCTATGAAGACTACTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205971 protein sequence
Red=Cloning site Green=Tags(s)

MASAGSGMEEVRVSVLTPLKLVGLVLCIFLALCLDLGAVLSPAVTADHQYYLSLWESCRKPASLDIWHCE
STLSSDWQIATLALLLGGAAIILIAFLVGLISICVGSRRRFYRPVAVMLFAAVVLQVCSLVLYPIKFIEI
VSLKIYHEFNWGYGLAWGATIFSFGGAILYCLNPKNYEDYY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6322_g05.zip



RefSeq: [NM_031442.2](#), [NP_113630.1](#)

RefSeq Size: 4068 bp

RefSeq ORF: 546 bp

Locus ID: 83604

UniProt ID: [Q9BQJ4](#)

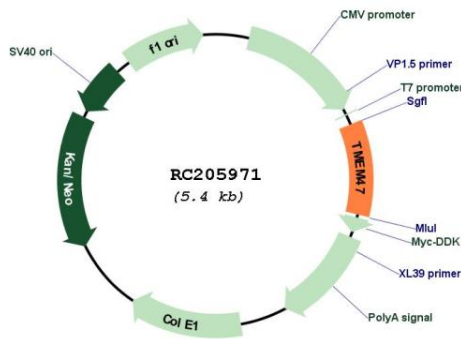
Cytogenetics: Xp21.1

Protein Families: Transmembrane

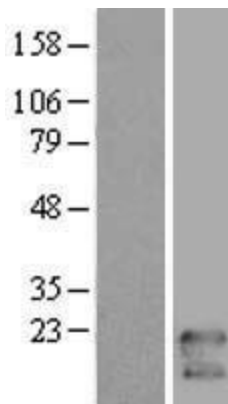
MW: 20 kDa

Gene Summary: This gene encodes a member of the PMP22/EMP/claudin protein family. The encoded protein is localized to the ER and the plasma membrane. In dogs, transcripts of this gene exist at high levels in the brain. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC205971



Western blot validation of overexpression lysate (Cat# [LY410515]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205971 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).