

Product datasheet for RC200985

TMEM38A (NM_024074) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM38A (NM_024074) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM38A
Synonyms:	TRIC-A; TRICA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC200985 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCTGCTCTCGGGCTGAGCCTGGGCGAACTGGCGCTCAGCTTCTCGCGGGTGCCGCTCTTCCCCG
TCTTCGACCTCAGTTACTTCATCGTCTCCATCCTCTACCTCAAGTATGAGCCAGGAGCAGTCGAACTGTC
CCGGCGCCACCCCATCGCGTCTGGCTGTGCGCCATGCTGCATTGCTTCGGGAGCTACATCCTGGCTGAT
CTGCTCCTTGGGAGCCACTGATCGATTACTTCAGCAACAACCTCCAGCATCCTGCTGGCCTCAGCTGTCT
GGTACTTGATTTTCTTCTGCCCCCTGGACCTCTTCTACAAGTGTGTCTGCTTCTGCTGTGAAACTCAT
CTTCGTGGCCATGAAGGAGGTGGTGCAGTCCGCAAGATCGCGGTGGGCATCCATCACGCCATCACCAC
TACCACCACGGGTGGTTCGTCATGATTGCAACTGGGTGGGTCAAAGTTCTGGTGTGCCCCATGTCCA
ACTTTGAGCAGCTGCTCCGAGGGGTCTGGAAGCCAGAGACCAACGAGATCCTGCACATGTCTTCCCCAC
CAAGGCCAGCCTGTATGGAGCCATCCTCTTACCCTCCAGCAGACCCGCTGGCTCCCAGTGTCCAAGCC
AGCCTCATCTTCATCTTACCTTGTTCATGGTGTCTGTAAAGGTGTTTCTGACAGCCACCCACTCACACA
GCTCCCCCTTTGATGCCCTGGAGGGTACATCTGCCCCGTGCTGTTTGGTTCGGCCTGCGGGGTGACCA
TCACCACGACAACCATGGTGGTCCCACAGCGGTGGTGGCCAGGAGCTCAGCATTTCGGCCATGCCCGCC
AAGTCCAAGGAGGAGTTGAGCGAGGGTCCAGGAAGAAGAAGCCAAGAAGGCCGGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_024074.4](#)

RefSeq Size: 1639 bp

RefSeq ORF: 900 bp

Locus ID: 79041

UniProt ID: [Q9H6F2](#)

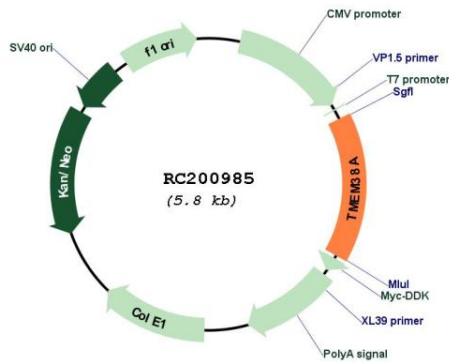
Cytogenetics: 19p13.11

Protein Families: Transmembrane

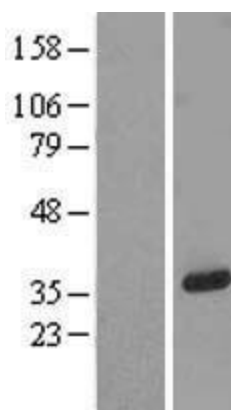
MW: 33.3 kDa

Gene Summary: Monovalent cation channel required for maintenance of rapid intracellular calcium release. May act as a potassium counter-ion channel that functions in synchronization with calcium release from intracellular stores.[UniProtKB/Swiss-Prot Function]

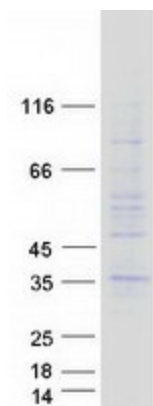
Product images:



Circular map for RC200985



Western blot validation of overexpression lysate (Cat# [LY411389]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200985 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TMEM38A protein (Cat# [TP300985]). The protein was produced from HEK293T cells transfected with TMEM38A cDNA clone (Cat# RC200985) using MegaTran 2.0 (Cat# [TT210002]).