

Product datasheet for **RC202671**

TMEM138 (NM_016464) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM138 (NM_016464) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TMEM138
Synonyms: HSPC196
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC202671 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCCAGACCAGTA**ACTACAGCCTGGT**GCTCTCTCGAGTTCCTGCTGCTGCCTATGACCTTTTG
TCAATTCCTTCTCAGAACTGCTCCAAAAGACTCCTGTCATCCAGCTTGTGCTCTTCATCATCCAGGATAT
TGCAGTCTCTTCAACATCATCATATTTCTCATGTTCTTCAACACCTTCGTCTCCAGGCTGGCCTG
GTCAACCTCCTATTCCATAAGTTCAAAGGGACCATCATCTGACAGCTGTGTACTTTGCCCTCAGCATCT
CCCTTCATGTCTGGTCA**TGA**ACTTACGCTGGAAAACTCCAACAGCTTCATATGGACAGATGGACTTCA
AATGCTGTTTGTATTCCAGAGACTAGCAGCAGTGTGTACTGCTACTTCTATAAACGGACAGCCGTAAGA
CTAGGCGATCCTCACTTCTACCAGGACTCTTTGTGGCTGCGCAAGGAGTTCATGCAAGTTCGAAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC202671 protein sequence
Red=Cloning site Green=Tags(s)

MLQTSNYSVLVLSLQFLLLSYDLFVNSFSELLQKTPVIQLVLFIIQDIAVLFNIIIFLMFFNTFVFQAGL
VNLLFHKFKGTIILTAVYFALSISLHVWVWMLRWKNSNSFIWTDGLQMLFVFQRLAAVLYCYFYKRTAVR
LGDPHFYQDSLWLRKEFMQVRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6415_c05.zip

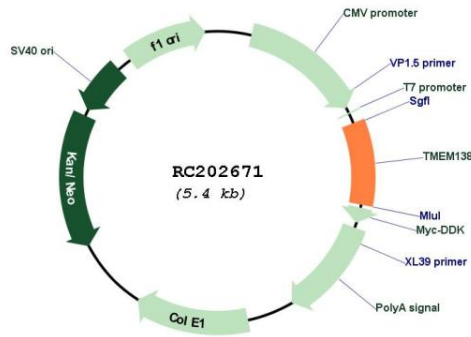


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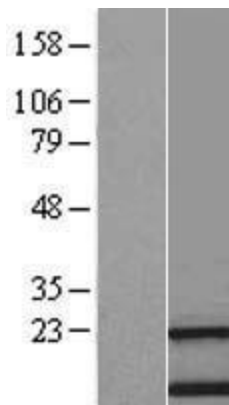
Locus ID: 51524
UniProt ID: [Q9NPIO](#)
Cytogenetics: 11q12.2
Protein Families: Transmembrane
MW: 19.3 kDa
Gene Summary:

This gene encodes a multi-pass transmembrane protein. Reduced expression of this gene in mouse fibroblasts causes short cilia and failure of ciliogenesis. Expression of this gene is tightly coordinated with expression of the neighboring gene TMEM216. Mutations in this gene are associated with the autosomal recessive neurodevelopmental disorder Joubert Syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012]

Product images:



Circular map for RC202671



Western blot validation of overexpression lysate (Cat# [LY413965]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202671 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).