

Product datasheet for **RC231174**

TMEM184B (NM_001195072) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM184B (NM_001195072) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM184B
Synonyms:	C22orf5; FM08; HS5O6A; HSPC256
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC231174 representing NM_001195072 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCACCTGCGTGCTACAGCTGCCCAACGAGCAGCGCTACATCGTGCGCATCCTCTTCATCGTGCCCA
TCTACGCCTTTGACTCCTGGCTCAGCCTCCTCTTCCACCAACGACCAGTACTACGTGTACTTCGGCAC
CGTCCGCGACTGCTATGAGGCCCTGGTCATCTATAATTTCTGAGCCTGTGCTATGAGTACCTAGGAGGA
GAAAGTCCATCATGTCGGAGATCAGAGGAAAACCCATTGAGTCCAGCTGTATGTATGGCACCTGCTGCC
TCTGGGAAAGACTTATTCCATCGGATTTCTGAGGTTCTGCAAACAGGCCACCCTGCAGTTCTGTGTGGT
GAAGCCACTCATGGCGGTGAGCACTGTGGTCCTCCAGGCCTTCGCAAGTACCGGGATGGGGACTTTGAC
GTCACCACTGGCTACCTCTACGTGACCATCATCTACAACATCTCCGTGAGCCTGGCCCTCTACGCCCTCT
TCCTCTTCTACTTCGCCACCCGGGAGCTGCTCAGCCCCTACAGCCCCGTCTCAAGTTCTTCATGGTCAA
GTCCGTGATCTTTCTTCTTCTGGCAAGGCATGCTCCTGGCCATCCTGGAGAAGTGTGGGGCCATCCCC
AAAATCCACTCGGCCCGCGTGTGCGTGGGCGAGGGCACCCTGGCTGCCGGTACCAGGACTTCATCATCT
GTGTGGAGATGTTCTTTGCAGCCCTGGCCCTGCGGCACGCCTTCACTACAAGGTCTATGCTGACAAGAG
GCTGGAGCACAAGGCCGCTGTGCCCATGAAGAGCATCTCCAGCAGCTCAAGGAGACCATGAACCCG
CACGACATCGTGACGAGGCCATCCACAATTCTCACCTGCCTACCAGCAGTACACGCAGCAGTCCACCC
TGGAGCCTGGGCCACCTGGCGTGGTGGCGCCACGGCCTCTCCGCTCCACAGCCTCAGTGGCGCCCG
CGACAACGAGAAGACTCTCTGCTCAGCTCTGATGATGAATTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC231174 representing NM_001195072
 Red=Cloning site Green=Tags(s)

MHLRCYSCPNEQRYIVRILFIVPIYAFDSWLSLLFFTNDQYVVYFGTVRDCYEALVIYNFLSLCYEYLG
 ESSIMSEIRGKPIESSMYGTCCLLWGKYSIGFLRFCKQATLQFCVVKPLMAVSTVVLQAFGKYRDGDFD
 VTSGYLYVTIIYNISVSLALYALFLFYFATRELLSPYSPVLKFFMVKSVIFLSFWQGMLLAILEKCGAIP
 KIH SARVSVGEGTVAAGYQDFIICVEMFFAALALRHAFYKVVYADKRLDAQRCAPMKSISSSLKETMNP
 HDIVQDAIHNFSPAYQYTQQSTLEPGPTWRGGAHGLSRSHSLSGARDNEKTLTLLSSDDEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8053_d05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001195072

ORF Size: 1023 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.

RefSeq: [NM_001195072.2](#)

RefSeq ORF: 1026 bp

Locus ID: 25829

UniProt ID: [Q9Y519](#)

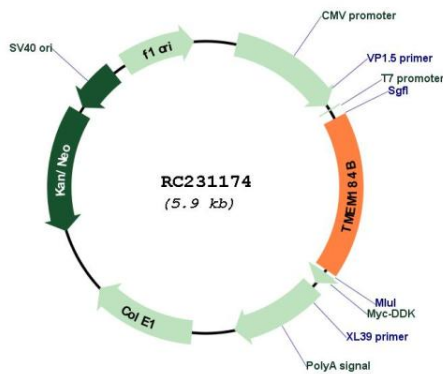
Cytogenetics: 22q13.1

Protein Families: Transmembrane

MW: 39.2 kDa

Gene Summary: May activate the MAP kinase signaling pathway.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC231174