

Product datasheet for **RC237165**

TMEM80 (NM_001276274) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM80 (NM_001276274) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM80
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237165 representing NM_001276274 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCCCGAACGTCGGTTCTCCACCTCTTCCTTCCGAAAGTGCCCGAGCGGTGCCGGACGGACTAATC
GGGCTCGGCCGTGGCTCGGACGTCCGCTCCCGAAACCGGCGCGGTCCGGCCCCCTTCGTCAGGAGACGC
GAAAATGGCCGAAGGAGCGGAGCGCGCGGGCCGAGAGGCTGCCGGATCGCGACGGACCGGCGGGCGGG
GCGGGTAAGATGGCGGCCCGCGGCGAGGGAGAGGATCCTCCACAGTGCTCTTTCAGTTCCCTTCAAA
TGCTGTTTTATCTCAGCGGAACGTAACGACCCCTGATTTCTCGCCACGCTCCTGATGATCACGTATAA
AAGTCAGGTGTTAGCTATCCTCACCGCTACCTGGTCCTCGATCTTGCTCTGCTGTTTCTGATGGGGATT
CTAGAAGCAGTTCGGTTATACCTGGGCACCAGGGCAACCTGACAGAGGCTGAGAGGCCGCTGGCCGCCA
GCCTGGCCCTCACGGCTGGCACC GCCCTCCTCTGCCCCTTCTGCTTTGGCAGGCCCTAGTGTGTG
GGCGGACTGGGCCCTCAGCGCCACGCTCCTGGCCCTTACGGCCTGGAGGCCGCTCCTGCAGGTGGTTGCC
ATCGCGGCCTTACCAGTGGCCACGGTGCAGGACAGCCCTGAGGACCCACTTACACACCAGCGC
CTGAGCGCCTCGGGCCACCTCCCTCACCAGCGCCTGCACTCGCAGAAGACCAGCTGGGCACACCTGCCAT
CTGGAGGACCCAGCCACAAACCATGCAGACCAGGGAAGGACCCCTCCCTGAAGCTGGAGACCTGTTGC
CTTCATGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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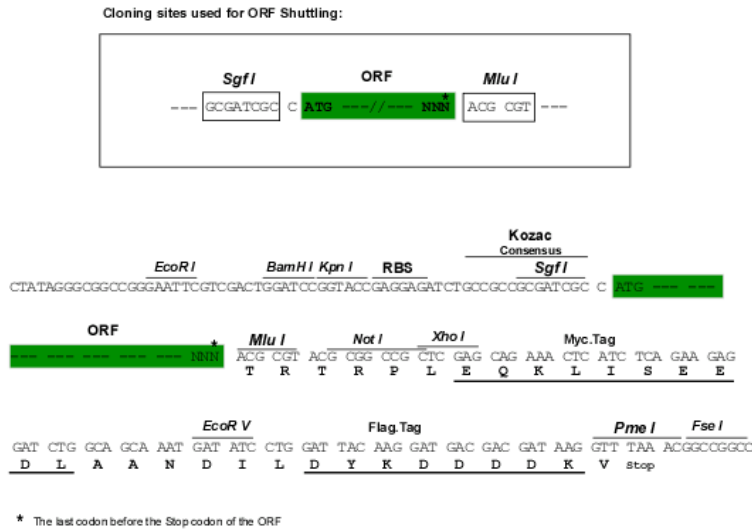
Protein Sequence: >RC237165 representing NM_001276274
 Red=Cloning site Green=Tags(s)

MLPNVGSPLPFRKCPGAGRTNRSASAVARTSAPETRRGRAPSSGDAKMAEGARARGPRGCRDRDGPAGG
 AGKMAAPRRGRGSSTVLSSVPLQMLFYLSGTYYALYFLATLLMITYKSQVFSYPHRYLVLDLALLFLMGI
 LEAVRLYLGTRGNL TEAERPLAASLAL TAGTALLSAHFLLWQALVLWADWALSATLLALHGLEAVLQVVA
 IAAFTSGHGELQDSPEDPLHTPAPERLGPPPSPAPALAEQDLGTPAIWRTQPTNHADQGRTPSLKLETCC
 LHG

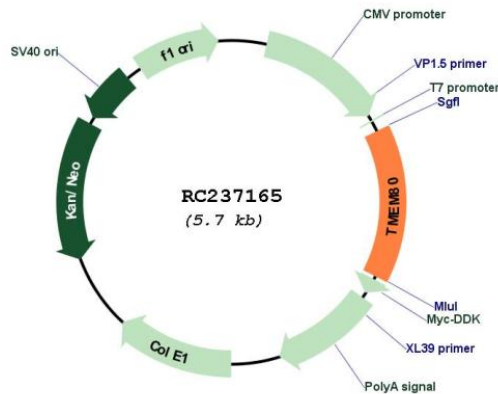
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001276274

ORF Size:	849 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:	<ol style="list-style-type: none">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_001276274.1 , NP_001263203.1
RefSeq Size:	1252 bp
RefSeq ORF:	633 bp
Locus ID:	283232
UniProt ID:	Q96HE8
Cytogenetics:	11p15.5
Protein Families:	Transmembrane
MW:	30.5 kDa