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Product datasheet for RC216549

TMEM91 (NM_001098823) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM91 (NM_001098823) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM91
Synonyms:	DSPC3; IFITMD6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

```
>RC216549 representing NM_001098823
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACAGCCCTAGTCTTCGTGAGCTTCAACAGCCTCTGCTGGAGGGCACAGAATGTGAGACCCCTGCCC
AGAAGCCTGGCAGGCATGAGCTGGGGTCCCCCTTAAGAGAGATAGCCTTTGCCGAGTCCCTGAGGGGTTT
GCAGTTCCTGTCACCGCCTCTTCCCTCCGTGAGCGCTGGCCTGGGGGAACCAAGGCCCCCTGATGTTGAG
GACATGTCATCCAGTGACAGTGACTCGGACTGGGATGGAGGCAGCCGTCTTTCACCATTTCTACCCCACG
ACCACCTCGGCTTGGCTGTCTTCTCCATGCTGTGTTGTTTCTGGCCCGTTGGCATCGCTGCCTTCTGTCT
AGCCCAGAAGTTGCCCCTACAGCCCTCACTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

Protein Sequence:

```
>RC216549 representing NM_001098823
Red=Cloning site Green=Tags(s)

MDSPSLRELQQPLLEGTECETPAQKPGRHELGSPLREIAFAESLRGLQFLSPPLPSVSAGLGEPRPPDVE
DMSSSDSDSDWDGGSRLSPFLPHDHLGLAVFSMLCCFWPVGIAAFCLAQKLPLQPSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Restriction Sites: SgfI-MluI

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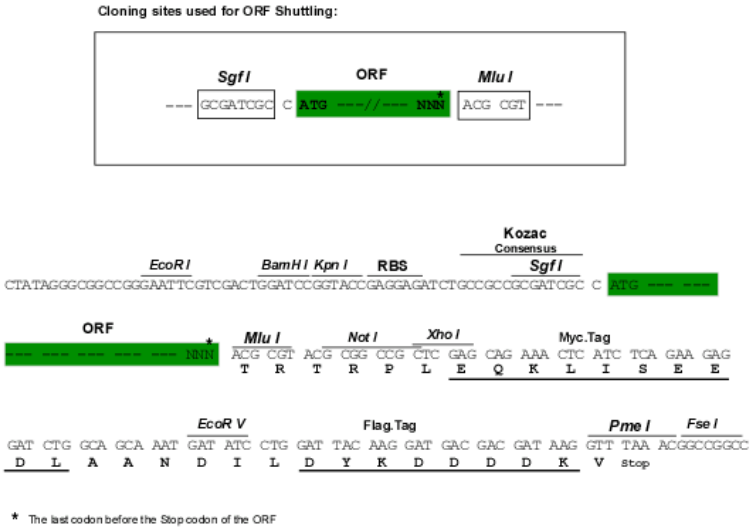
Cloning Scheme:



ACCN:	NM_001098823
ORF Size:	381 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_001098823.1, NP_001092293.1
RefSeq Size:	932 bp
RefSeq ORF:	384 bp
Locus ID:	641649

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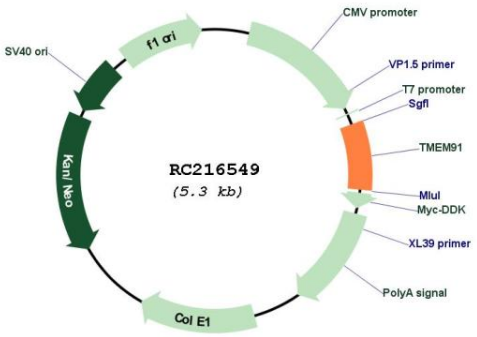
UniProt ID:	Q6ZNR0
Cytogenetics:	19q13.2
Protein Families:	Transmembrane
MW:	13.5 kDa

Product images:



Circular map for RC216549

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