

Product datasheet for **MR220726**

Ttc9 (NM_001033149) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ttc9 (NM_001033149) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ttc9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR220726 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAGGAAGGGCTTGGCGGCCCGATCCTCGGGGAACCCTAGCCCGCCTGCGCTGGGTGAGGGACCGC
GGCCCGTCCCGCCCGCGTGCCTCCCGAGCGGGAGGAGCCCCGGAGCGGGGCCAGGCTGGAACGGCGGC
CGAGCCCGCGGAGCTTATCCGGCGCGCACACGAGTTCAAGAGCCAAGGGGCGCAGTGCTACAAGGACAAG
AAATTCGCGAAGCCATCGGCAAATACCACCGGCGTTGCTGGAGCTGAAGGGATTGCTGCCGTCAACAAG
AGGAGCGGGAGCGCACGGCCAGCTCCTCGCAGGGGTTCCAAATCCAGCCGCTCTCAGAGGAGCAGAG
CAAGACGTTGAAGCCATTGAGATCGACTGTTACAACAGCTGGCAGCCTGCCTGCTCCAGGCCGAGCTG
GTAATTATGAGCGAGTCAAGGAGTATTGCCTGAAGTCTGAAGAAGGAAGGAGAGAAGCTTCAAAGCTC
TTTACAGGTCTGGTGTGGCCTTCTATCATCTTGGGACTATGATAAAGCTCTACTACCTAAAAGAAGC
AAGGACCCGACAACCCACAGACACCAATGTGATTCGGTACATCCAGCTGACGGAGATGAAGCTCAGCAGA
TGTTCCAAAGGGAGAAAGAAGCCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR220726 protein sequence
Red=Cloning site Green=Tags(s)

MERKGLAARSSGNPSPALGEGPRPVPPPCVPSGGGAPERQAGTAAEPAELIRRAHEFKSQAQCYKDK
KFREAIQKYNRALLELKGLLPSQEERDARPASSAGVPKSSRLSEEQSKTVEAIEIDCYNLAACLLQAE
VNYERVKEYCLKVLKKEGENFKALYRSGVAFYHLGDYKALYYLKEARTRQPTDNTVIRYIQLTEMKLSR
CSQREKEAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001033149

ORF Size: 660 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_001033149.3](#), [NP_001028321.1](#)

RefSeq Size: 2042 bp

RefSeq ORF: 660 bp

Locus ID: 69480

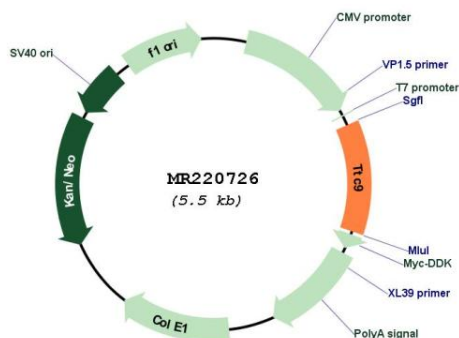
UniProt ID: [Q3V038](#)

Cytogenetics: 12 D1

MW: 24.4 kDa

Gene Summary: This gene encodes a protein that contains three tetratricopeptide repeats. The human gene has been shown to be hormonally regulated in breast cancer cells and may play a role in cancer cell invasion and metastasis. [provided by RefSeq, Sep 2015]

Product images:



Circular map for MR220726