

Product datasheet for **RC207405**

TAF5 (NM_001082967) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TAF5 (NM_001082967) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TAF5
Synonyms: FAM19A5; QLLK5208; TAF5-5; UNQ5208
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC207405 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTCAACTTTCTGGCGTTCATGATCCTGGCCAGCCTGCTCATCGCCTACTGCAGTCAGCTGGCCG
CCGGCACCTGTGAGATTGTGACCTTGGACCGGGACAGCAGCCAGCCTCGGAGGACGATCGCCGGCAGAC
CGCCCGCTGTGCGTGTAGAAAGGGGCAGATCGCCGGCACACGAGAGCCCGCCCGCTGTGTGGACGCA
AGAATCATCAAGACCAAGCAGTGGTGTGACATGCTTCCGTGTCTGGAGGGGAAGGCTGCGACTTGTAA
TCAACCGGTCAGGCTGGACGTGCACGCAGCCCGGGGAGGATAAAGACCACCACGGTCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC207405 protein sequence
Red=Cloning site Green=Tags(s)
MSSTFWAFMILASLLIAYCSQLAAGTCEIVTLDRDSSQPRRTIARQTARCACRKQIAGTTRARPACVDA
RIIKTKQWCDMLPCLEGECDLLINRSGWTCTQPGRIKTTTVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001082967

ORF Size: 342 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 Size: 2620 bp

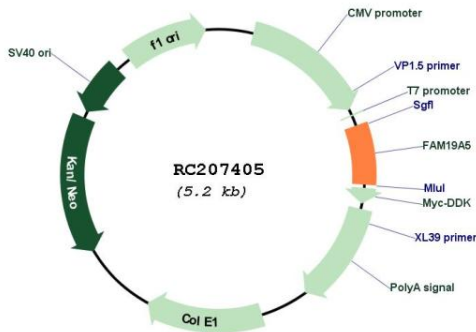
RefSeq ORF: 399 bp

Locus ID: 25817

UniProt ID: Q7Z5A7
Cytogenetics: 22q13.32
Protein Families: Secreted Protein, Transmembrane
MW: 12.5 kDa
Gene Summary:

This gene is a member of the TAF A family which is composed of five highly homologous genes that encode small secreted proteins. These proteins contain conserved cysteine residues at fixed positions, and are distantly related to MIP-1alpha, a member of the CC-chemokine family. The TAF A proteins are predominantly expressed in specific regions of the brain, and are postulated to function as brain-specific chemokines or neurokines that act as regulators of immune and nervous cells. [provided by RefSeq, Sep 2013]

Product images:



Circular map for RC207405