

Product datasheet for MC212122

Tafa5 (NM_134096) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tafa5 (NM_134096) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tafa5
Synonyms: Fam19; Fam19a5; Tafa-5; Tar; Tara-5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212122 representing NM_134096
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAGCTCCTGAAGGCGCTCTGGGCACTCGCAGGGGCCGCGCTCTGCTGCTTCTCGTCTGGTGATTC
ACGCGCAGTTCTCAAAGAAGGTCAGCTGGCCGCTGGAACCTGTGAGATTGTGACCCTAGACCGGGACAG
CAGCCAGCCACGGAGGACGATCGCCCGGACAGCAGCAGCTGTGCATGCAGAAAGGGGCAGATAGCAGGC
ACCACTCGAGCCCGGCTGCTTGTGTGGACGCTGAATTATCAAGACAAAGCAGTGGTGTGACATGCTTC
CTTGCCTGGAGGGGAAGGCTGTGACTTGTAAATCAACCGGTCAGGCTGGACTTGACACAGCCCGGAGG
GCGGATAAAGACCACCACGGTCTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_134096
Insert Size: 378 bp
OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



[View online »](#)

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_134096.2 , NP_598857.1
RefSeq Size:	2617 bp
RefSeq ORF:	378 bp
Locus ID:	106014
UniProt ID:	Q91WE9
Cytogenetics:	15 E3
Gene Summary:	<p>This gene is a member of the Tafa 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 Tafa 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. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate start codon, compared to variant 1. The encoded isoform (2) is shorter and has a distinct N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>