

## Product datasheet for **MC225818**

### Tafa5 (NM\_001252310) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tafa5 (NM\_001252310) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tafa5  
**Synonyms:** Fam19; Fam19a5; Tafa-5; Tar; Tara-5  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC225818 representing NM\_001252310  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGCCATCGCCAGGACCAGCAGCCGGCAAGATGCGACCGCCCTGCCAGCATGTCCTCAACTTTTT  
GGGCATTCATGATCCTGGCCAGCCTGCTCATCGCCTACTGCAGTCAGCTGGCCGCTGGAACCTGTGAGAT  
TGTGACCTAGACCGGGACAGCAGCCAGCCACGGAGGACGATCGCCCGGACAGCAGCAGCTGTGCATGC  
AGAAAGGGGCAGATAGCAGGCACCACTCGAGCCCGGCCTGCTTGTGTGGACGCTCGAATTATCAAGACAA  
AGCAGTGGTGTGACATGCTTCCTTGCTGGAGGGGAAGGCTGTGACTTGTTAATCAACCGTCCAGGCTG  
GACTTGACACAGCCCGGAGGGCGGATAAAGACCACCACGGTCTCCT**G**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001252310

**Insert Size:** 399 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001252310.1, NP_001239239.1</u>
<b>RefSeq Size:</b>	2665 bp
<b>RefSeq ORF:</b>	399 bp
<b>Locus ID:</b>	106014
<b>UniProt ID:</b>	<u>Q91WE9</u>
<b>Cytogenetics:</b>	15 E3
<b>Gene Summary:</b>	<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 (1) represents the longer transcript and encodes the longer 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>