

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225818 representing NM_001252310 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCCATCGCCAGGACCAGCAGCCGGCAAGATGCGACCGCCCTGCCAGCATGTCCTCAACTTTTT
GGGCATTCATGATCCTGGCCAGCCTGCTCATCGCCTACTGCAGTCAGCTGGCCGCTGGAACCTGTGAGAT
TGTGACCCCTAGACCGGGACAGCAGCCAGCCACGGAGGACGATCGCCCGGCAGACAGCAGCTGTGCATGC
AGAAAGGGGCAGATAGCAGGCACCACTCGAGCCCGGCCTGCTTGTGTGGACGCTCGAATTATCAAGACAA
AGCAGTGGTGTGACATGCTTCCTTGCCTGGAGGGGAAGGCTGTGACTTGTTAATCAACCGGTCAGGCTG
GACTTGCACACAGCCCGAGGGCGGATAAAGACCACCACGGTCTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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).


[View online »](#)

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001252310.1</u> , <u>NP_001239239.1</u>
RefSeq Size:	2665 bp
RefSeq ORF:	399 bp
Locus ID:	106014
UniProt ID:	<u>Q91WE9</u>
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 (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>