

## Product datasheet for **SC123374**

### TAFA4 (NM\_182522) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TAFA4 (NM_182522) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAFA4
Synonyms:	FAM19A4; TAFA-4
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:**

```

>OriGene sequence for NM_182522 edited
TGGACGGGGCGCACCGACTGCGCGCGGCTGCGGGCAAACATCGGGAGTCTGCCTCAG
CTGCCGCTTCTCCAGCAGCAGCTTACGGCTTCTCCCGCAGGAGCTTCGGGCTTCTCTGG
TAGAGACGTGGGAACCTTTCTTCTCCTGGCGAGGCTGCAGAGGTGATGGGCCGCTCCCGG
GGCTCCCGCGGGAGGCGGCACGGTCTTCTGAGCTACGATAATTTTTTGGAACGGCAGAA
ATGATTGGTCTAGCAACAGATGGGAATTTGGAGTCACTCTGAAATATATCCTGGAATAA
GTGTGTTGACTAGAACCACATCTTATGAGGTCCCCAAGGATGAGAGTCTGTGCTAAGTC
AGTGTGCTGTCGCACTGGCTCTTCTAGCCTACGTGTTAATGGTGTGCTGTAAGCTGAT
GTCCGCTCAAGCCAGCACCTCCGGGGACATGCAGGTCAACCACCAATCAAGCAAGGGAC
CTGTGAGGTGGTGCCTGTCACAGGTGCTGCAATAAGAACCAGCATAGAAGAGCGGTCAACA
AACGGTCAAGTGTCTTGTCTCCCGGGACAGGTGGCGGGCACAACCTCGGGCTCAACCTTC
TTGTGTTGAAGCTTCCATTGTGATTAGAAAATGGTGGTGTACATGAATCCGTGTTTGGAA
AGGAGAGGATTGTAAGTGTGCCAGATTACTCAGTTGGTCTGTAGCAGTGGCAATAA
AGTCAAACTACGAAGGTAAACGGGTAGCGAAGAGAGAGGTGTGCTTCAATCCTGGAGGG
GCAGCAGGAGCGGAGCTCTTTTGTGGATTCCCATCATGGCCCTCTGCAGAAAATTG
TCTAGGATTTAGCAACTTCATATTTGTATATGTGAGCTGTGAGAGGTGGCATTCACTTA
ACTGGCCAGCCCTCTCTGCTTCGTGATTTTATTTCAATTGAATTATAACCACAAGCCACC
ACCCATTTGACATCCTCTCTGGATTCCCAAGGAGCATACCTCCAAAATCCGAGAAGAGCA
AATCAGAGTCTTCAAAATGGATCACCCTAAGGGCATGTTCACTTCTTCACTTTCTTTCTG
CTTTTACAAAAGAACTTGGATGTATGTTCCAAAGGGTCTCATTCTGTTCTCTTTTGA
CTTTTCTTTTGTCTTGTATTTAAAGTGGTTTTAAAGGGGTCTAAAAGATTTTGGCAAA
ACATATTTGCAGATGTAGATTAGCTGGTGAAGAAAATTACTGCTAGAGATCAACTGATTA
ACTGGTAAAGAACGTTTTATTTTATAACCCTTGAAGAATAGAAGGACATAGTTGGATTATT
GTGTGTGCATTGTATTTTTACTTCTATTTTTTTTTTGTCTTCCATTTTCCAGTTAGCAGA
GATAAAATGAGAGCGTTTTAACTTCAATGTACCATTTTACTGAGTGCTAAGGAAGCATAT
CAATTCGAATATTTTATAACCAAAGCTCTATCAGAACATATTTATAAACTTGTGGAAT
TTTTACGGCTTTTGTGTAGTCATGTAGGTAATCATTAAAAATATAAAACAATCTCAATT
TAGATCAAGGTTATTTCTTAGATCAAATTTATGCCAATTATAGAAAAGATTTTAACTC
CGAGACAGGAGTCTTTCAGTGTGAATTTTACTGTAATGAGTTCCTTCTTAACTTAG
CTGTTTCCCTACTTCTGTGACTTCTGTGTTAGCCATCTTATTTCTTAAAAATCTGAGTCC
TGATTGGCTTAATGATTTTGCAGCAGACATGTCTCCACATATTCTCAAATGCTGTCATGC
GGAAACGTATGAAACAGATGAAGAATGACTGACCCAGATTTTAGATGTATAATGTTGTTA
AAGTACATACTACTGTAAAAATATGGGATGAATTTTATATATAAAGAAATGCCAAAAACA
TAGTTTCTGCACCAAGTTAATTATCCCTGTCTTTTACATTTATAGGGGGAAAATAAATA
CTTTATAGCCTAACAGTTATTTGATGTTATTCTTGCAGAGGGAATGGAAAGGAATGGAAA
GATTTGTTGGCGTAATTTTTGAATTTTGTATGATCATATGAATAAGTAAAAAAATTC
TCCTGCTGATGGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  
```

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_182522 unedited CGCCTGATTTGTATACCACTCCTATAGGCGGCCGCAATCCCGGGATTGGACGGGGCGC ACCGACTGCGCGCGCGGCTGCGGGCAAACATCGGGAGTCTGCCTCAGCTGCCGTTCTC CAGCAGCAGCTTCAGGCTTCTCCCGCAGGAGCTTCGGGCTTCTCCTGGTAGAGACGTGGG AACTTTTCTTCTCCTGGCGAGGCTGCAGAGGTGATGGGCCGCTCCCGGGCTCCCGCGGG GAGGCGGCACGGTCTTCTGAGCTACGATAATTTTTTGGAACGGCAGAAATGATTGGTTCT AGCAACAGATGGGAATTTGGAGTCACTCTGAAATATATCCTGGAATAAGTGTGTTGACT AGAACCACATCTTATGAGGTCCCAAGGATGAGAGTCTGTGCTAAGTCAGTGTGCTGTC GCACTGGCTCTTCTAGCCTACGTGTTAATGGTGTGCTGTAAGCTGATGTCGCCCTCAAG CCAGCACCTCCGGGGACATGCAGGTCACCACCAAATCAAGCAAGGGACCTGTGAGGTGGT CGCCGTGCACAGGTGCTGCAATAAGAACCGCATAGAAGAGCGGTCAAAACGGTCAAGTG CTCTTGCTCCCGGGACAGGTGGCGGGCACAACCTCGGGCTCAACCTTCTGTGTTGAAGC TTCCATTGTGATTCAGAAATGGTGGTGTACATGAATCCGTGTTTGAATGAGAGGATTG TAAAGTGTGCCAGATTACTCAGGTTGGTCTGTAGCAGTGGCAATAAGTCAAACTAC GAATGTAAACGCGGTAGCGAAGAGAGAGGTTGGNCTCATCTGGNAGGGCAGCAGGAGGC NGGAGCTCTTTGCTAGGATCCNATCATGGCCCCTCTGCANAAAATGTCTANGGNATTGAG CACTTCATATTGGNTATGT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_182522
<b>Insert Size:</b>	2188 bp
<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">NM_182522.3</a> , <a href="#">NP_872328.1</a>
<b>RefSeq Size:</b>	2248 bp
<b>RefSeq ORF:</b>	423 bp
<b>Locus ID:</b>	151647
<b>UniProt ID:</b>	<a href="#">Q96LR4</a>
<b>Cytogenetics:</b>	3p14.1
<b>Protein Families:</b>	Secreted Protein, Transmembrane

**Gene Summary:**

This gene is a member of the TAF4 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 TAF4 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 have been observed for this gene. [provided by RefSeq, Nov 2011]

Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein. 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.