

Product datasheet for **SC323831**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_182522.3
 TGGACGGGGCGCACCGACTGCGCGCGGCTGCGGGCAAACATCGGGAGTCTGCCTCAG
 CTGCCGCTTCTCCAGCAGCAGCTTACGGCTTCTCCCGCAGGAGCTTCGGGCTTCTCCTGG
 TAGAGACGTGGGAACCTTTCTTCTCCTGGCGAGGCTGCAGAGGTGATGGGCCGCTCCCGG
 GGCTCCCGCGGGAGGCGGCACGGTCTTCTGAGCTACGATAATTTTTTGGAACGGCAGAA
 ATGATTGGTTCTAGCAACAGATGGGAATTTGGAGTCACTCTGAAATATATCCTGGAATAA
 GTGTGTTGACTAGAACCACATCTTATGAGGTCCCAAGGATGAGAGTCTGTGCTAAGTC
 AGTGTGCTGTCGCACTGGCTCTTCTAGCCTAGTGTTAATGGTGTGCTGTAAGCTGAT
 GTCGCGCTCAAGCCAGCACCTCCGGGGACATGCAGGTCAACCACCAATCAAGCAAGGGAC
 CTGTGAGGTGGTCGCGTGCACAGGTGCTGCAATAAGAACCAGCATAGAAGAGCGGTACACA
 AACGGTCAAGTGCTTTGCTTCCCGGGACAGGTGGCGGGCACAACCTCGGGCTCAACCTTC
 TTGTGTTGAAGCTTCCATTGTGATTGAGAAATGGTGGTGTACATGAATCCGTGTTTGA
 AGGAGAGGATTGAAAGTGTGCCAGATTACTCAGTTGGTCTGTAGCAGTGGCAATAA
 AGTCAAACTACGAAGGTAAACGGGTAGCGAAGAGAGAGGTGTGCTTCAATCCTGGAGGG
 GCAGCAGGAGCGGAGCTCTTTTGTGGATTCCCATCATGGCCCTCTGCAGAAAATTG
 TCTAGGATTTAGCAACTTCATATTTGTATATGTGAGCTGTGAGAGGTGGCATTCACTTA
 ACTGGCCAGCCCTCTCTGCTTCGTGATTTTATTTTCATTGAATTATAACCACAAGCCACC
 ACCCATTTGACATCCTCTCTGGATTCCCAAGGAGCATACCTCCAAAATCCGAGAAGAGCA
 AATCAGAGTCTTCAAAATGGATCACCCTAAGGGCATGTTCACTTCTTCTTTCTG
 CTTTTACAAAAGAACTTGGATGTATGTTCCAAAGGGTCTCATTCTGTTCTCTTTTGA
 CTTTTCTTTTGTCTTGTATTTAAAGTGGTTTTAAAGGGGTCTAAAAAGATTTTGGCAA
 ACATATTTGCAGATGTAGATTAGCTGGTGAAGAAAATTACTGCTAGAGATCAACTGATTA
 ACTGGTAAAGAAGCTTTATTTTATAACCCTTGAAGAATAGAAGGACATAGTTGGATTATT
 GTGTGTGCAATTGATTTTTACTTCTATTTTTTTTTTGTCTTCCATTTTCCAGTTAGCAGA
 GATAAAATGAGAGCGTTTTAACTTCAATGTACCATTTTACTGAGTGCTAAGGAAGCATAT
 CAATTCGAATTTTTATAACCAAGCTCTATCAGAACATATTTATAAACTTGTGGAAAT
 TTTTACGGCTTTTGTGTAGTCATGTAGGTAATCATTTAAAATATAAAACAATCTCAATT
 TAGATCAAGGTTATTTCTTAGATCAAATTTATGCCAATTATGAAAAGATTTTAACTC
 CGAGACAGGAGTCTTTCAGTGTGAATTTTACTGTAATGAGTTCCTTCTTAACTTAG
 CTGTTTCCCTACTTCTGTGACTTCTGTGTTAGCCATCTTATTTCTTAAAATCTGAGTCC
 TGATTGGCTTAATGATTTTGCAGCAGACATGTCTCCACATATTCTCAAATGCTGTCATGC
 GGAACGTATGAAACAGATGAAGAATGACTGACCCAGATTTTAGATGTATAATGTTGTTA
 AAGTACATACTACTGTA AAAATATGGGATGAATTTTATATATTAAGAAATGCCAAAAACA
 TAGTTTCTGCACCAAGTTAATTATCCCTGTCTTTTACATTTATAGGGGGAAAATAAATA
 CTTTATAGCCTAACAGTTATTTGATGTTATTCTTGAGAGGGAATGGAAGGAATGGAAA
 GATTTGTTGGCGTAATTTTTGAATTTTGTATGATCATATGAATAAGTAAAAAATTC
 TCCTGCTGATGGCAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_182522

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_182522.3, NP_872328.1</u>
RefSeq Size:	2248 bp
RefSeq ORF:	423 bp
Locus ID:	151647
UniProt ID:	<u>Q96LR4</u>
Cytogenetics:	3p14.1
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	<p>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]</p> <p>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.</p>