

Product datasheet for **SC307506**

TAF3 (NM_182759) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF3 (NM_182759) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAF3
Synonyms:	FAM19A3; TAF3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_182759 edited AAAAGGATGAGTGAGAGGGTCGAGCGGAACTGGAGCACGGGCGGCTGGCTGCTGGCACTG TGCTGGCCTGGCTGTGGACCCACCTGACCTTGGCTGCCTTGCAGCCTCCCACTGCCACA GTGCTTGTGCAGCAGGGCACCTGCGAGGTGATTGCGGCTCACCGCTGCTGCAACCGGAAC CGCATCGAGGAGCGCTCCAGACGGTGAATGCTCCTGTTTTCTGGCCAGGTGGCCGGC ACCACGGGGCAAAGCCCTCCTGCGTGGACGCCTCCATCGTCTGCAGAGATGGTGGTGT CAGATGGAGCCCTGCCTGCCGGGGAGGAGTGTAAAGGTGCTCCCGGACCTGTCGGGATGG AGCTGCAGCAGTGGACACAAAGTCAAACCAAGGTACACGATAGCTCTTGGGGTCA ACGGCCTGGACAAGAAAGCTTGACTGAGCCGTGAACTGAAGAATGGTATCCAGTCATCA GCCAGGAAAGATGGGGATTCACTTACATG



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_182759 unedited ACGTTACATTTGTNATACGACTCACTATAGGGCGGCCGCGNATTCAAATCTGGTACCGA GCTCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCGCCCTTAAAAGATGAGTGA GAGGGTCGAGCGGAACTGGAGCACGGGCGGCTGGCTGCTGGCACTGTGCCTGGCTGGCT GTGGACCCACCTGACCTTGGCTGCCTTGCAGCCTCCCCTGCCACAGTGTGTGCAGCA GGGCACCTGCGAGGTGATTGCGGCTCACCCTGCTGCAACCGGAACCGCATCGAGGAGCG CTCCCAGACGGTAAAATGCTCCTGTTTTTCTGGCCAGGTGGCCGGCACCACGCGGGCAA GCCCTCCTGCGTGGACGCCTCCATCGTCCTGCAGAGATGGTGGTGCAGATGGAGCCCTG CCTGCCGGGGGAGGAGTGAAGGTGCTCCCGGACCTGTCGGGATGGAGCTGCAGCAGTGG ACACAAAGTAAAACCACCAAGGTACACGATAGCTCTTGGGGTACGCGCTGNACAAG NAGGCTTGACTGAGCCGTGAAGTGAAGAATGGTATCCAGTCATCAGCCAGGAAAGATGGG GATTCACTTACATGNCCTAAGGCGAATTCTGCAGATATCCATCACACTGGCGGCCCTCG AGCATGCATCTAGATTGCGGCCCGCTCATAGCTGTTTCTGAACAGATCCCGGGTGGCA TCCCTGTGACCCNTCCAGTGCCTCTCCTGGCCCTGGGAGTTGCCACTCCAGTCCAC CAGCCTTGTCTAATAAATTAAGTGCATATTTGTCTGACTAGGTGCTCTTCTATAAT ATATNGTGAGNGGNGNNGNNTNNNNNNNNNAAAAGGNNCNCANTTTNNNAAAAA CCCTGGAGGGCCTGGCGGGGTCAAT
Restriction Sites:	Please inquire
ACCN:	NM_182759
Insert Size:	500 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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_182759.2</u> , <u>NP_877436.1</u>
RefSeq Size:	1077 bp
RefSeq ORF:	402 bp
Locus ID:	284467
UniProt ID:	<u>Q7Z5A8</u>
Cytogenetics:	1p13.2

Protein Families: Secreted Protein, Transmembrane

Gene Summary: This gene is a member of the TFAF 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 TFAF 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]
Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter isoform (1).