

## Product datasheet for **SC304306**

### TAF A5 (NM\_015381) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TAF A5 (NM\_015381) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TAF A5  
**Synonyms:** FAM19A5; QLLK5208; TAF A-5; UNQ5208  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_015381 edited  
 GAGTTGGGACTCCGCGATGCAGCTCCTGAAGGCGCTCTGGGCACTGGCAGGGGCCGCGT  
 CTGCTGCTTCTCGTCTAGTGATCCACGCGCAGTTCCTCAAAGAAGGTCAGCTGGCCG  
 CGGCACCTGTGAGATTGTGACCTTGGACCGGGACAGCAGCCAGCCTCGGAGGACGATCGC  
 CCGGCAGACCGCCGCTGTGCGTGTAGAAAGGGGAGATCGCCGGCACCCAGAGAGCCCG  
 GCCCGCTGTGTGGACGCAAGAATCATCAAGACCAAGCAGTGGTGTGACATGCTTCCGTG  
 TCTGGAGGGGAAGGCTGCGACTTGTAAATCAACCGGTGAGGCTGGACGTGCACGAGCC  
 CGGCGGGAGGATAAAGACCACCGGTCTCCTGACAAACAGCCCTGAGGGGCCCGG  
 GAGTGGCCTTGGTCCCTGGAGAGCCACGTCTCAGCCACAGTTCTCCAC

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_015381 unedited  
 NAGTTAGATTTTGTATACGACTCATATAGCGGCCGCGNATTCAAATCTGGTACCGAGCT  
 CGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCGCCCTTGAGTTGGGACTCCGCG  
 ATGCAGCTCCTGAAGGCGCTCTGGGCACTGGCAGGGGCCGCGCTCTGCTGCTTCTCGTC  
 CTAGTGATCCACGCGCAGTTCCTCAAAGAAGGTCAGCTGGCCGCCGGCACCTGTGAGATT  
 GTGACCTTGGACCGGGACAGCAGCCAGCCTCGGAGGACGATCGCCGGCAGACCGCCCGC  
 TGTGCGTGTAGAAAGGGGAGATCGCCGGCACCCAGAGAGCCCGCCCGCTGTGTGGAC  
 GCAAGAATCATCAAGACCAAGCAGTGGTGTGACATGCTTCCGTGTCTGGAGGGGAAGGC  
 TGGACTTGTAAATCAACCGGTGAGGCTGGACGTGCACGAGCCCGCGGGAGGATAAAG  
 ACCACCACGGTCTCCTGACAAACAGCCCTGAGGGGCCCGGGAGTGGCCTTGGCTCC  
 CTGGAGAGCCACGTCTCAGCCACAGTTCTCCACAAGGGCGAATTCTGCAGATATCCATC  
 AACTGGCGGCCGCTCGAGCATGCATCTAGATTGGCGCCGCGGTGATAGCTGTTTCTGTA  
 ACAGATCCCGGTGGCATCCCTGTGACCCTCCCAGTGCCTCTCCTGGCCCTGGAAAGT  
 GCCACTCCAGTGGCCACAGCCTTGTCTAATAAATTAAGTGCATCATTTTGTCTGACT  
 ANGTGCTCTTCTATATATTATGGGTGAGGNGGGNTGGGNTTGGGAGAAAAGGGGCAAAA  
 TTGGGAAAAACAACCGTAAGCCCTGGGGGGTCCAATTGAAACCAACCTGGAATGAC  
 ATGGGCCAACCTG



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_015381
<b>Insert Size:</b>	500 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>OTI Annotation:</b>	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
<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_015381.4</a> , <a href="#">NP_056196.2</a>
<b>RefSeq Size:</b>	2593 bp
<b>RefSeq ORF:</b>	378 bp
<b>Locus ID:</b>	25817
<b>UniProt ID:</b>	<a href="#">Q7Z5A7</a>
<b>Cytogenetics:</b>	22q13.32
<b>Protein Families:</b>	Secreted Protein, Transmembrane
<b>Gene Summary:</b>	<p>This gene is a member of the TAF5 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 TAF5 proteins are predominantly expressed in specific regions of the brain, and are postulated to function as brain-specific chemokines or neurokinins that act as regulators of immune and nervous cells. [provided by RefSeq, Sep 2013]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) is shorter and has a distinct N-terminus, compared to 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>