

## Product datasheet for **SC315980**

### TAF A5 (NM\_001082967) Human Untagged Clone

#### Product data:

|                      |  |
|----------------------|--|
| Product Type:        | Expression Plasmids  |
| Product Name:        | TAF A5 (NM_001082967) Human Untagged Clone   |
| Tag:                 | Tag Free   |
| Symbol:              | TAF A5   |
| Synonyms:            | FAM19A5; QLLK5208; TAF A-5; UNQ5208  |
| Vector:              | <u>pCMV6 series</u>  |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_001082967, the custom clone sequence may differ by one or more nucleotides<br>ATGGCGCCATCGCCCAGGACCGGCAGCCGGCAAGATGCGACCGCCCTGCCAGCATGTCC<br>TCAACTTTCTGGGCGTTCATGATCCTGGCCAGCCTGCTCATCGCCTACTGCAGTCAGCTG<br>GCCGCGGCACCTGTGAGATTGTGACCTTGGACCGGGACAGCAGCCAGCCTCGGAGGACG<br>ATCGCCCGGCAGACCGCCGCTGTGCGTGTAGAAAGGGGCAGATCGCCGGCACCACGAGA<br>GCCCGGCCCGCTGTGTGGACGCAAGAATCATCAAGACCAAGCAGTGGTGTGACATGCTT<br>CCGTGTCTGGAGGGGAAGGCTGCGACTTGTTAATCAACCGGTCAGGCTGGACGTGCACG<br>CAGCCCGCGGGAGGATAAAGACCACCACGGTCTCC |
| Restriction Sites:   | Please inquire   |
| ACCN:                | NM_001082967   |
| 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).   |



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|-------------------------------|---|
| <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_001082967.1</a> , <a href="#">NP_001076436.1</a>   |
| <b>RefSeq Size:</b>           | 2615 bp   |
| <b>RefSeq ORF:</b>            | 399 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 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 neurokinins that act as regulators of immune and nervous cells. [provided by RefSeq, Sep 2013]</p> <p>Transcript Variant: This variant (1) represents the shorter 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> |