

## Product datasheet for **SC330278**

### **TAF A1 (NM\_001252216) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TAF A1 (NM\_001252216) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TAF A1  
**Synonyms:** FAM19A1; TAF A-1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330278 representing NM\_001252216.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCAATGGTCTCTGCGATGCTCGGTCTGTATTTGTGGATAAGTGCTTGTGCAATGCTACTCTGC  
 CATGGATCCCTTCAGCACACTTTCCAGCAGCATCACCTGCACAGACCAGAAGGAGGGACGTGTGAAGTG  
 ATAGCAGCACACCGATGTTGTAACAAGAATCGCATTGAGGAGCGGTCACAAACAGTAAAGTGTTCCTGT  
 CTACCTGGAAAAGTGGCTGGAACAACAAGAAACCGGCTTCTTGCCTCGATGCCTCCATAGTGATTGGG  
 AAATGGTGGTGTGAGATGGAGCCTTGCCTAGAAGGAGAAGAATGTAAGACACTCCCTGACAATTCTGGA  
 TGGATGTGCGCAACAGGCAACAAAATTAAGACCACGAGAATTACCCAAGAACC**TAA**

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001252216

**Insert Size:** 402 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).

**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:**

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.



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**RefSeq:** NM\_001252216.1

**RefSeq Size:** 1758 bp

**RefSeq ORF:** 402 bp

**Locus ID:** 407738

**UniProt ID:** Q7Z5A9

**Cytogenetics:** 3p14.1

**Protein Families:** Secreted Protein, Transmembrane

**MW:** 14.9 kDa

**Gene Summary:** 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, Jul 2008]  
 Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. 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.