

## Product datasheet for **SC127756**

### TAFA2 (NM\_178539) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TAFA2 (NM_178539) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAFA2
Synonyms:	FAM19A2; TAFA-2
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127756 sequence for NM_178539 edited (data generated by NextGen Sequencing) ATGAGTAAGAGATACTTACAGAAAGCAACAAAAGGAAAACGCTAATAATAATATTTATT GTAACTTGTGGGGAAAGTTGTATCCAGTGCAAACCATCATAAAGCTCACCATGTTAAA ACGGAACTTGTGAGGTGGTGGCACTCCACAGATGCTGTAATAAGAACAAGATAGAAGAA CGGTCAAAAACAGTCAAGTGCTCCTGCTTCCCTGGCAGGTGGCAGGCACCACGCGAGCT GCTCCATCATGTGTGGATGCTTCAATAGTGAACAGAAATGGTGGTGCCATATGCAGCCA TGTCTAGAGGGAGAAGAATGTAAAGTTCTTCCGGATCGGAAAGGATGGAGCTGTTCTCT GGGAATAAAGTCAAAAACAACTAGGGTAACCCATTAA

Clone variation with respect to NM\_178539.3



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_178539 unedited TTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGGAAGCGGGGCTG CAGGATGAGTAAGAGATACTTACAGAAAGCAACAAAAGGAAAAGTCTAATAATAATATT TATTGTAACTTTGTGGGGGAAAGTTGTATCCAGTGCAAACCATCATAAAGCTCACCATGT TAAAACGGGAACCTGTGAGGTGGTGGCACTCCACAGATGCTGTAATAAGAACAAGATAGA AGAACGGTCACAAACAGTCAAGTGCTCCTGCTCCCTGGCAGGTGGCAGGCACCACGCG AGCTGCTCCATCATGTGTGGATGCTTCAATAGTGAACAGAAATGGTGGTGCCATATGCA GCCATGTCTAGAGGGAGAAGAATGTAAAGTTCTTCCGGATCGGAAAGGATGGAGCTGTTC CTCTGGGAATAAAAGTCAAAACAAGTGGTAACCCATTAAACCCAGGAGAAATCAAGTGAT CCTCAAGGCTGATGACATTGAACATGCGCATAGAACTTAACTCAACTCCTGAGGTGATC TTGAAGATTTTTATACCACTTGAAAGAGGCGCTCAATAGTCTATTTCCAAGGGATTTTCAT GGCCTCTTCTTGAATCAAGACTTTNTAAAAGTCAAGTCAACTTGCATGTCATGAAGA TTTTCAAGATTTGAACTGTGTTCAACTGTAAATGTTAAAAGATNTTGAAGTCACTGTC TGAGGAGCTGGTGAANAANNTGNTTTTTTANGGNTGATGNTAGAGACAGTCACTTNNTTG AGTATTGCTNCCAGATGTGACTACTTTTTCTTGTCTGCAGCTGATNCCAAGNGACTGN NCNTTGTCCNGGAATGGNNCCTGGGGCCCTGGTTCATTGGCTAAGGGGACACACTGGC TTTATGACATTC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_178539
<b>Insert Size:</b>	2800 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>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_178539.1</a> , <a href="#">NP_848634.1</a>
<b>RefSeq Size:</b>	396 bp
<b>RefSeq ORF:</b>	396 bp
<b>Locus ID:</b>	338811
<b>UniProt ID:</b>	<a href="#">Q8N3H0</a>
<b>Cytogenetics:</b>	12q14.1

**Gene Summary:**

This gene is a member of the TFAA 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 TFAA 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. [provided by RefSeq, Jul 2008]