

## Product datasheet for **SC125708**

### **FAM19A5 (BC039396) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FAM19A5 (BC039396) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM19A5
Synonyms:	family with sequence similarity 19 (chemokine (C-C motif)-like), member A5; OTTHUMP00000028541; QLLK5208; TAFA-5; TAFA5; TAFA protein 5; UNQ5208
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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<b>Fully Sequenced ORF:</b>	<p>&gt;OriGene sequence for BC039396 edited</p> <pre> GGCGGGGAGGATGGCGCGCGGGGCCCGCACGTGGAGGCCGGCGCGGGGGCGCGGGCA GGGCGGGCTGCTGAGACGCGCTGCTGCCCCCGCGGGCGCGCGGGCTTCAATGGCGCC ATCGCCAGGACCGGCAGCCGCAAGATGCGACCGCCCTGCCAGCATGCTCTCAACTTT CTGGGCGTTTCATGATCTGGCCAGCCTGCTCATCGCTACTGCAGTCAGCTGGCCCGCG CACCTGTGAGATTGTGACCTTGGACCGGGACAGCAGCCAGCCTCGGAGGACGATCGCCCG GCAGACCGCCCGCTGTGCGTGTAGAAAGGGGAGATCGCCGGCACACGAGAGCCCGGCC CGCCTGTGTGGACGCAAGAATCATCAAGACCAAGCAGTGGTGTGACATGCTTCCGTGTCT GGAGGGGAAGGCTGCGACTTGTAAATCAACCGGTGAGGCTGGACGTGCACGAGCCCGG CGGGAGGATAAAGACCACCACGGTCTCCTGACAAACACAGCCCTGAGGGGGCCCGGGA GTGGCCTTGGCTCCCTGGAGAGCCACGTCTCAGCCACAGTTCTCCACTCGCCTCGGACT TCACCCGTTCTCTGCCGCCCGCCACTCCGTTTCCCTGTGGTCCGTGAAGGACGGCCTCA GGCCTTGGCATCCTGAGCTTCGGTCTGTCCAGCCGACCCGAGGAGGCCGACTCAGACAC ATAGGCGGGGGGCGGCACCTGGCATCAGCAATACGCAGTCTGTGGGAGCCCGCCGCGCC CAGCCCCCGCCGACCGTGGCGTTGGCCCTGCTGTCTCAGAGGAGGAGGAGGAGGAGCA GCTCCGGCAGCCACAGAAGGCTGCAGCCAGCCGCTGAGACACGACGCTGCCCCAGG GGACTGTGAGGCACAGAAGCGGCCCTCCTCCCGTGCCCCAGACTGTCCGAATTGCTTTTAT TTTCTTATACTTTCAGTATACTCCATAGACCAAAGAGCAAAATCTATCTGAACCTGGACG CACCTCACTGTGAGGTCCTGGGGTCGTTGTGCGGGCGGGAGGGCAATGGTGGCAGA GACATGCTGGTGGCCCCGGCGGAGCGGAGAGGGCGGCCGTGGTGGAGGCCCTCACCCAG GAGCACCCCGCACACCTCGGAGGACGGGCTTCGGCTGCGCGGAGGCCGTGGCACACCTG CGGGAGGCAGCGACGGCCCCACGCAGACGCGGGAACGCAGGCCGCTTTATTCCTCTGT ACTTAGATCAACTTGACCGTACTAAAATCCCTTCTGTTTTAACAGTTAAACATGCCTC TTCTACAGCTCCATTTTGTATAGTTGGATAATCCAGTATCTGCCAAGAGCATGTTGGGTC TCCCGTACTGCTGCCTCATCGATACCCATTTAGCTCCAGAAAGCAAGAAAACTCGAG TAACACTTGTGTGAAAGAGATCATTAAATGTATTTGCAAGCCCAAAAAAAAAAAAAA A </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC039396
<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="#">BC039396.1</a> , <a href="#">AAH39396.2</a>
<b>RefSeq Size:</b>	1501 bp
<b>Locus ID:</b>	25817

**Cytogenetics:** 22q13.32

**Protein Families:** Secreted Protein, Transmembrane

**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, Sep 2013]