

## Product datasheet for SC122914

### FAM3A (NM\_021806) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM3A (NM_021806) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM3A
Synonyms:	2.19; DLD; DXS560S; XAP-7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_021806 edited  
CGCCCCCCCCCAGCAGGGGTCCCGCACAGGCTTGCCCCGACCCCCACCCAAACCTGTCC  
TTCCGCTTTGCCCAACAGTGCACCTTGCCGGCGGTCCCAACCCAGCAGGAGAAGTGGA  
CATGAGGTTGGCAGGCCCTCTCCGATTGTGGTCTAGTCGTAGTGTGGGTGTACATG  
GATCGTGGTCAGCATCCTCCTGGGTGGGCTGGCAGTGGCTTTCCTCGCATCCAGCAACT  
CTTCACCAGTCCAGAGAGCTCGGTGACTGCAGCGCCACGGGCCAGGAAGTACAAGTGTGG  
CCTGCCCCAGCCGTGTCTGAGGAGCACCTGGCCTTCCGCGTGGTCAGCGGGGCCGCCAA  
CGTCATTGGGCCAAGATCTGCCTCGAGGACAAGATGCTGATGAGCAGCGTCAAGGACAA  
CGTGGGCCGCGGGCTGAACATCGCCCTGGTGAACGGGGTCAAGCGGAGCTCATCGAGGC  
CCGGGCCCTTGTACATGTGGGCCGAGATGTCAACGACCTGTTGAAGTTTATTCGGCCACT  
GCACGAAGGCACCCTGGTGTTCGTGGCATCCTACGACACCCAGCCACCAAGATGAATGA  
AGAGACCAGAAAGCTCTTCAGTGAAGTGGCAGCAGGAACGCCAAGGAGCTGGCCTCCG  
GGACAGCTGGGTGTTGTTCGGGGCCAAGGGTGTGAGAACAAAGAGCCCTTTGAGCAGCA  
CGTGAAGAACAGTAAGCACAGCAACAAGTACGAAGGCTGGCCCGAGGCGCTGGAGATGGA  
AGGCTGTATCCCGCGGAGAAGCACGGCCAGCTAGCACGGCCAGTCCAGGACCGGGCCGA  
GGGAGGCCAGACCAAGGGAGGCACGCGCGCTGCCGGGCGACAGAGGCTGAGGCTCACAC  
CCCACACCCGGGCAGGAGCGCTCCCTGGCCCCAACACATCGGGGCTCCGAGGCAGTGACC  
AGAACGTGGTCTCAAGGTGGTGGGGCTATGGGGGCTGCAGGGGGTAGCCCTGCCGCACT  
TTGTACAGGGAGCCAGGGTACCCGCCTCCTTTTCGTAACACTGTTCCCCCGGTGAGCC  
CATCTAGCCCTGTCTCATTCTCACGCCATCTCCATCCCATCTTGAGTCTGGAACG  
GCCCTGGGTGCCTGCCCTCACTGTGCAACTCTGGGAGCAGCCCGCAGGTTGGGGCGTC  
TTCCAGAACCCTCTCCCTTCTGGAGCCACTCTGCACTGCGGGCTAAACATGTTTCCAGTGT  
GATTCCTTCCAGTGAAGCAAAACCCGGTGGCTGCTTATGAGCCTGACTGCCTCTCGCCTG  
CTCTCAGCAGGAAGGGACCCCTGGAGCAGGCTGGCCCGGGTGGTGAAGTAGCTGGAGCC  
CGATCACAGTCCCGGTTTGTGAGGGGGCCACCTTCTAGATGACCCCTTAATAAAGTG  
ATGGCCCCACAGAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_021806 unedited AAAGACCTACANATATTTGTATACACTTACTATAGGGCGGCCGATTCCGGCACGAGGCG CCCCCCCCCAGCAGGGAGTCCCGCACAGGCTTGCCCTGACCCCCACCCAAACCTGTCCT TCCGCTTTGCCCCAAACAGTGCCTTCCCGCGGTCCCAACCCAGCAGGAGAAGTGGAC ATGAGGTTGGCAGGCCCTCTCCGATTGGTCTAGTCGTGAGTGTGGGTGTACATGG ATCGTGGTCAGCATCCTCCTGGGTGGCCTGGCAGTGGCTTTCCTCGCATCCAGCAACTC TTCACCAGTCCAGAGAGCTCGGTGACTGCAGCGCCACGGGCCAGGAAGTACAAGTGTGGC CTGCCCCAGCCGTGCTCTGAGGAGCACCTGGCCTTCCGCGTGGTACGCGGGCCGCAAC GTCATTGGGCCCAAGATCTGCCTCGAGGACAAGATGCTGATGAGCAGCGTCAAGGACAAC GTGGGCCGCGGGCTGAACATCGCCCTGGTGAACGGNGTCAGCGCGAGCTCATCGAGGCC CGGGCCTTTGACATGTGGGCCGGAGATGTCAACGACCTGTTGAAGTTTATTCGGCCACTG CACGAAGGCACCCTGGTGTTCGTGGCATCTACGACGACCCAGCCACCAAGATGAATGAA GAGACCCAGAAGCTCTTCAGTGAGCTGGGCAGCAGGAACGCCAAGGAGCTGGCCTTCCCG GACAGCTGGGTGTTTGTGGGGCCATGGTGTGCATGACAAGAGCCCTTGAGCAGCACGT GAAGAACCAGTAGCACAGCAACAAGTTCGAAGGCTGGCCCCGAGGCGCTGGAGATGGAAA GGCTGTATCCCGCGNAAC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_021806
<b>Insert Size:</b>	1479 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_021806.1</a> , <a href="#">NP_068578.1</a>
<b>RefSeq Size:</b>	1606 bp
<b>RefSeq ORF:</b>	693 bp
<b>Locus ID:</b>	60343
<b>UniProt ID:</b>	<a href="#">P98173</a>
<b>Cytogenetics:</b>	Xq28
<b>Protein Families:</b>	Secreted Protein, Transmembrane

**Gene Summary:**

This gene encodes a cytokine-like protein. The expression of this gene may be regulated by peroxisome proliferator-activated receptor gamma, and the encoded protein may be involved in the regulation of glucose and lipid metabolism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Transcript Variant: This variant (1) encodes isoform (1). Variants 1, 2 and 6 encode the same isoform (1).