

Product datasheet for **SC114026**

FAM29A (HAUS6) (NM_017645) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM29A (HAUS6) (NM_017645) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM29A
Synonyms:	Dgt6; FAM29A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_017645, the custom clone sequence may differ by one or more nucleotides

```

ATGAGCTCGGCCTCGGTACCGCTTTGAGAAGGAGCATCTCTGGATGTATCTGCAGGCGCTCGGCTTCG
AGCCAGGCCCGCAACCATTCCTGCGGAAAGATCGTGTGCACACGCACCTCGGAGTGAACATGTTTGA
CAAGCTGAACCGTGATGCCTTTTCATATAATTTCTTATTTTTGTTTCAAGTTCTGGACAGTCTCTCACC
AAAGAAGTTTTCAAATTTTGTGGCCCCCATTTGACCAAAAAGTGACACTGAATTCGAAAACATTGCT
GTGAATGGATAAAAAGGATTTCTGGTGAATGTGGAAGTAGCTTTCCTCAAGTTGTTGGTTCACTATTCT
TTCTCCTGGTGGTCCTAAGTTTATTCATCTGATGTATCATTGCAAGATTTGTTGCAATGAAATATATT
AAATCCAATTCTAAAAATCTTCTCATCATTTTGTAGAGACATTTAACATAAAACCACAGGACTTGCACA
AATGCATTGCCAGATGCCATTTGCGACGTAGCAGATTTTACAAATTTTGCAAAGACAAGATTGTGTAC
CCAAAAATATCAGGAAAATGCACAATTATCAGTTAAGCAGGTACGAACTTGAGATCTGAATGTATAGGA
TTGGAAAACCAATAAAGAAAATGGAACCTATGATGACCACAGTAATATGGAAGAAAAAATTCAAAAGG
TTCGGTCTTTGTGGGCTTCAGTGAATGAAACGCTCATGTTTTTGGAAAAAGAGAGAGAAGTTGTTAGTTC
GGTCCTTAGTCTTGTAAACCAATATGCTTAGATGGAACATAATGTTGCTATTAATATTCCAAGGCTCTTA
CTTGACAAAATTGAGAAAATAATGTTTCAGTTGCACATAGGAAATGTTTATGAGGCTGGAAGAACTGAACC
TCTTAACAGTTATTCAAGTTATTAATGAAGTCTTGAAGGTGATGAAATATGAACGTTGTCAGGCTGATCA
AGCAAGATTGACGGTAGACCTTCACTACCTGAAAAAGAGACCAATTTGAGAAGGAAAGATTATCAGAT
CTGAAACATATAGAGTATAGAATAAAGATGATCTCACAATAAGACATTCTGTTGTTGAAAAGCAAG
GAGAATGGCATAAAAAGTGGAAGAATTTCTGGTTTGTCTCCTTTCAGTCTAATTAAGGTTGGACTCC
ATCTGTAGATCTTTACCACCAATGTCTCCCTTTCTGTTGATCCTGCCTCAGAAGAAGTGATGCAAG
AGTATTCTTTGTGAGTATCCTGCTTCACTTCCAGATGCACATAAGCAACATAACCAAGAAAATGGTTGCA
GAGGAGACAGTGATACCTTGGGAGCGCTACATGATCTAGCCAACAGCCCTGCCTCTTTCTTGTGCGAGTC
AGTTTCATCATCAGATAGAAACAGTGTTACAGTACTTGAAAAGGACACAAAGATGGGAACCTCCAAAGAA
AAAAATGAAGCAATTTCTAAGAAAATACCAAGATTTGAAGTGGAATTTCTCATTATCAGATGTTGCAA
AGAATACAGAGAGTAGTGATTTGGAGGGTCTTGCCAGCTAAAAAAGTGATCCATTTCAAAAAGAGCA
AGATCATCTGGTAGAAGAGGTTGCCAGAGCAGTTTATCTGATTACACAGCTCTCTGAAGGAAAAGAA
ATAAAATTAGAGGAACTAATTGACTCTCTGGGTTCTAACCCTTCTTAACAAGGAATCAGATTCCTCGTA
CTCCAGAAAACCTTGATAACTGAAATTAGGAGCTCATGGAGAAAAGCTATTGAAATGGAAGAAAACAGAAC
TAAAGAACCAATTCAAATGGATGCTGAACATAGAGAAGTATTGCCAGAATCATTACCTGTGTTGCACAT
CAAAGAGAATTTAGCATGGCTGATTTCTCTTAGAAACCACTGTATCAGATTTTGCCAGTCTCATTGTA
CTGAAGAGAAAAGTTATTTCAAGTTGCGAGTGTGTGCCTCAGAAACATGTGCTGACCAGTACATAGATGA
ACCACCAACACAAAATCAGTCAGATTTGTTAAATAAGAAAGTAATTTGCAAGCAAGATTTGGAATGTTTA
GCCTTCACCAAGCTTTGAGAACTAGCCGAATGGAGACATTCTCCCTGCTGTGCGCAATAGGATAGATG
TGATGGGTGGCAGTGAAGAGGAGTTTATGAAAATATTGGACCACTTAGAAGTTTCTTGTAACAAACCTTC
CACAAATAAACTATGTTGTGGAATCTTTTCAGATATCAAGTGAATAGTTCTAAGAGTTTTAAAGAT
AATGATTTTGGCATATTACAGAACTCTCCCGGAAGAAGTTGGTCATCTAAGTTTTAATAGTTCCAGTA
GTTTCAGAGGCCAATTTTAACTGGAGCCAAATAGTCCTATGCATGGTGGCACTCTTCTAGAAGATGTTGT
GGGAGGGAGACAGACTACTCCAGAATCAGACTTTAATTTACAGGCTCTTCGCAGTAGATACGAGGCTCTG
AAGAAATCTCTTTCCAAGAAAAGGGAAGAATCTTACCTCTCGAATTCCTCAACACCCGAAAGACACAAAC
CAGAATTGAGCCCTACTCCCAAAATGTACAAACAGATGATACGCTTAATTTTTGGACACCTGTGATTT
GCATACTGAGCATATAAAGCCATCTTTACGCACGTCCATCGGTGAAAGAAAACGGTCTCTTTCACCACTA
ATTAAGTTTTCTCCAGTGAACAAAGATTGAGAACCACAATAGCATGTAGTCTTGGAGAATACTAAT
TAAAGGAAGAAGACATTTGAATAAGAGCCTTGATGCAAAAGAACCACCGTCTGACTTGACAAGATGA

```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017645 unedited
 TCACATTTGTATACGACTACTATAGGGCGGCCGATTCCGGCACGAGGAAGATTTGTTGC
 AATGAAATATATTAATCCAATTCTAAAAACGAAGTCTCACTCTGTTGCCCAAGCTGGAG
 TGGCGTGGCGTGATCTCGGCTTACTGCAGCATCCACTTCCCGGTTCAAGCGATTCTACT
 GCTTCAGCCTTCCGAGTAGCTGGGACTACAGATTCTTCTCATCTTTGTAGAGACATTT
 AACATAAACACAGGACTTGCACAAATGCATTGCCAGATGCCATTTGCACGTAGCAGA
 TTTTACAAATTTTGCAGAAAGATTGTGTTACCCAAAAATATCAGGAAAAATGCACAA
 TTATCAGTTAAGCAGGTACGAACTTGAGATCTGAATGTATAGGATTGGAAAAACCAATA
 AAGAAAAATGGAACCTATGATGACCACAGTAATATGGAAGAAAAATTCAAAAGTTTCGG
 TCTTTGTGGGCTTCAGTGAATGAAACGCTCATGTTTTTGGAAAAAGAGAGAGAAGTTGTT
 AGTTCCGTCCTTAGTCTTGTAAACCAATATGCTTTAGATGGAACAAATGTTGCTATTAAT
 ATTCCAAGGCTCTTACTTGACAAAATTGAGAAACAAATGTTTCAGTTGCACATAGGAAAT
 GTTTATGAGGCTGGAAGCTGAACCTCTTAACAGTTATTCAGTTATTAATGAAGCTTG
 AAGGTGATGAAATATGAATGTTGTGAGGCTGATCAAGCAAGATTGACGGTAGACCTTCAC
 TACCTTGAAGAGACCAAAATTCAGAAGGAAAGATATCAGATCTGAACATATGAGGTA
 TAGAATAAAGATGATCTCACACTATAGACATTCTNGTGNAGGAAAGCAGGAGATGNTNA
 AAAGTGAAGAAATCTTGGTTGCTCCTTTCATCTAATTAAGGNTGACTNCATCTGAGA
 TCTTTACCACAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017645 unedited
 CTATGGACCGGCACGCAATCTAAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TAATGAAAATTTAATTTATATTTTGTAAAAATATAAAGTAGCATTAAATTATCAAAG
 TCTAACTAGACTAAGTATAAATGTTATACAACCACTGAATGGATTTATAGTTTGACAG
 TGTTCTTGCAAGTGCTACTCACTTCCATCTTTTCTTTTTTCAAATACATTCTGCC
 CCAGTCTTCGCTTAATCATCAAATGCACTTTATTCCTTCAAACATCACTTCTCAGGATCA
 TTCTACCTGAAGAATCCTCTAGGCTGTTTAGAGCTTTTCCAGTCTTAATATTTGCCATC
 TTGACTACACATCCCAGGCTACTACTTTTATACTTTGTCTGATTAACCGGAATGTTCCA
 GTTAGAAACAAAAAAGTTAAATAGGTTCTCGAAATGAACAAATTAGTAAATCAATGC
 CCAACATCTTACCACTTTGCTAGCATACAACAGAACTACTTTTTATAATAATACTG
 AAATTATCACATAAGCAAATACTTACAGGACCATCAGGAGCAAAATCAGACTACAAG
 AGTTACCCATAACATCCAATGAATATCACTTGACGGGATTTGACAAAACCATACACGAT
 AGTTAAGGAATTCAAACGCGACGAAGAGTAGAAACGTAATAGGAGTGTCGCTAGTCCTG
 AAAAGATATAGGGGAAACAGAGAAGAGAAAATGTAGTTGACACGCCGCGAACCCTGGT
 AAAAGGCAGAAAATACAGAACGAAGAACCAAGTAACCAAGCTTGACAAAAGCAGCGATTG
 CGATCCGAATCCTGTCACTGATACTGCACCTATTTGACCGTCTTACACGTTACCTTT
 GGAACAAAGCAGACAGATACTAAGAACCCCAATAATAAAATTTATACATCGACATGGA
 CACGGTCGAATAGAGACCACAACGGACGCAG

Restriction Sites:

NotI-NotI

ACCN:

NM_017645

Insert Size:

3900 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.

RefSeq: [NM_017645.3](#), [NP_060115.3](#)

RefSeq Size: 6334 bp

RefSeq ORF: 2868 bp

Locus ID: 54801

UniProt ID: [Q7Z4H7](#)

Cytogenetics: 9p22.1

Gene Summary: The protein encoded by this gene is a subunit of the augmin complex. The augmin complex plays a role in microtubule attachment to the kinetochore and central spindle formation. This protein may have a role in efficient chromosome congression and segregation by promoting microtubule-dependent microtubule amplification. Pseudogenes of this gene are located on chromosomes 7 and 20. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Aug 2012]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest 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.