

Product datasheet for **SC123319**

DNAAF6 (NM_173494) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAAF6 (NM_173494) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAAF6
Synonyms:	CILD36; CXorf41; NYSAR97; PIH1D3; TWISTER
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_173494 edited
 CGCCACGCTCTGCACAGTCTATTTTTCGGAGCCTAGCCAGAGACGGGAAAACCTGACCAAGA
 TAATGGAATCTGAAAATATGGATTCTGAAAATATGAAGACAGAAAATATGGAATCTCAA
 ATGTAGACTTTGAGAGTGTTCCTCAGTTACAGCTCTGGAAGCCCTCTCTAAGCTACTTA
 ATCCTGAAGAAGAGGATGATTCTGACTATGGACAGACAAATGGTTTATCTACTATTGGAG
 CCATGGGTCTGGGAATATTGGACCACCCCAAATAGAAGAGCTCAAAGTCATCCCTGAAA
 CCAGCGAGGAAAATAATGAGGACATCTGGAATTCAGAAGAGATTCCAGAAGGAGCAGAAT
 ATGATGATATGTGGATGTTAGAGAAAATCCCAGAGTATGAGATTATATTCAGACAGCAGG
 TGGAACTGAAGATATATTTTTAGGGTTGTCAAAAAAGGACTCCTCAACAGGTTGTTGCA
 GTGAACTAGTGGCTAAAATTAAATTGCCAAATACAAACCCTTCTGATATTCAAATTGATA
 TCCAGGAAAACAATCCTTGACCTTCGACTCCTCAGAAGAAGCTGTTGATAACTCTTCCTG
 AGCTGGTGGAAATGTACCAGTGCCAAAGCATTCTATATCCCAGAGACTGAAACTCTTGAAA
 TCACTATGACTATGAAAAGAGAGTTAGATATTGCTAATTTCTTCTGAACTGCATGAAA
 AGATAAAAAGTAGTAAAATGGCATTGGTAACAATTA AAAA ACTTTGAAAAAATGATTGT
 TTTCTATATTCTTTATTATTCTGACATATTTTTGAAAGGGACAAAATTCAGTTCTAGT
 GATATTGTGACCATTTACAGTAATTTCTATTACTCTGTTAGGAAATATGTTTCCTTGCC
 AGGTGCAATGGCTCATGCCTGTAATCCCAACACTTTGGGAGGCCGAAGCAGGCGGATCAC
 TTGAGGTCAGGAGTTTGAGACCAGCCTGGTCAACATGGCGAAACCCTGTCTACTAAAA
 ATACGAAAATTAGCCTGGCGTGGTGGCAGGTGCCTGTAATCCCAGCTACTCTGTCTCAA
 AAACAACAAAAAAGGAAAATAGTTTTCTTATGTAATAAACTATTCTATTTTTATAGT
 GATAGCTGAGTAGAATCTTTACAGGTTAAAAAATTAGAATATTTTCATGGTCAATTACATA
 ATTGAAATATGATCATGAAATGGTTGGTCCACTTACTTCAGTAGTCTGAAAAACTTATGC
 TAATTTTACATTTACACTGTGATACAATCAGTTGCATAGCAATTGGTCATTATTATTA
 CCAGAGAATTTTTATTGGTTGCTTTTTTCAATTGATTTGAGCAAATGATTTACAGTGTCTC
 TGTTTAGGCTCTCACTGTTGTTCTGGAATATACAGGTAATAAATAGTTTGATGTACCATA
 CTATCAACATATTTACTTGAGTAAGGAACACTTTTGTGCGTACAGTATTATTTGGCTTCT
 TCAGTTGTGCTTTTAAATGCTTGGATATAGTTAGGTTAAAAACATTTTTTATGCACTAA
 TAATTATTAGCATTGCCTTTTTGGGACTGTATTTATATGTAGTCAATTGAAATCCTTGA
 CTTTAAAAATAAATTTAAAGTGTGGCACATTTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_173494 unedited
 GTTCGAATTTTGTAAACGACTTCACTATAGGGCGGCCGCGATTGAGATCTGGTACCGGT
 CCGGAATCCCAGGATCGCCACGCTCTGCACAGTCTATTTTCAGAGCCTAGCCAGAGACG
 GGAAAACCTGACCAAGATAATGGAATCTGAAAATATGGATTCTGAATATATGAAGACAGAA
 AATATGGAATCTCAAAATGTAGACTTTGAGAGTGTTCCTCAGTTACAGCTCTGGAAGCC
 CTCTCTAAGCTACTTAATCCTGAAGAAGAGGATGATTCTGACTATGGACAGACAAATGGT
 TTATCTACTATTGGACCATGGGTCTGGGAATATTGGACCACCCCAAATAGAAGAGCTC
 AAAGTCATCCCTGAGACCAGCGAGGAAAATAATGAGGACATCTGGAATTCAGAAGAGATT
 CCAGAACGAGCAGAATATGATGATATGTGGATGTTAGAGAAAATCCCAGAGTATGAGATT
 ATATTCAGACAGCAGGTGGAACTGAAGATATATTTTTAGGGTTGTCAAACAAGGACTCC
 TCAACAGGTTGTTGCAGTGAAGTGGCTAAAATTAATTTGCCAAATACAAACCCTTCT
 GATATTCAAATTGATATCCAGGAAAACAATCCTTGACCTTCGACTCCTCAGATGAAGCTG
 TTGATAACTCTTCTGAGCTGGTGGAAATGTACCAGTGCCAAAGCATTCTATATCCCAGAG
 ACTGAGACTCTTGATATCACTATGACTATGANAAGAGAGTTAGATATCGCTAATTTCTTC
 TGAAACTGCATGATAAGATAAAAAGTAGTAAAATGGCATTGGTCAATTCAAGAATTTG
 AAANAGATGATCGATTCACTCGCTTTATATCNGACATAGTTTTGACAGGATCAAGTCG
 TTCTAGTGATATGTGACCATTACAGTAATTTCTATACTCTGTAGAC

Restriction Sites: Please inquire

ACCN: NM_173494

Insert Size: 1678 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:	<ol style="list-style-type: none">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_173494.1 , NP_775765.1
RefSeq Size:	1678 bp
RefSeq ORF:	645 bp
Locus ID:	139212
UniProt ID:	Q9NQM4
Cytogenetics:	Xq22.3
Gene Summary:	Plays a role in cytoplasmic pre-assembly of axonemal dynein.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.