

Product datasheet for **SC122509**

AFAF (EQTN) (BC014307) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AFAF (EQTN) (BC014307) Human Untagged Clone
Tag:	Tag Free
Symbol:	AFAF
Synonyms:	Acr formation associated factor; Acrosome formation associated factor; Afa; chromosome 9 open reading frame 11; OTTHUMP00000022786
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC014307 edited GGGAGACACAGGACCTGCTGGGCCACAGAAAGGAGGCTCTGGGTAGACGCACTAGATTAC TGGATAAATCACTTCAATTTCCAATGAATTTTATATTGTTTATTTTTATACCTGGAGTT TTTTCTTAAAAAGTAGCACTTTGAAGCCTACTATTGAAGCATTGCCTAATGTGCTACCT TTAAATGAAGACGTTAATAAGCAGGAAGAAAAGAATGAAGATCATACTCCCAATTATGCT CTGCTAATGAGAAAAATGGCAATTATTATAAAGATATAAAACAATATGTGTTCAACA CAAAATCCAAATGGCACTGAGTCTGAAATATCTGTGAGAGCCACAACCTGACCTGAATTTT GCTCTAAAAACGATAAACTGTCAATGCAACTACATATGAAAAATCCACCATTGAAGAA GAAACAACACTAGCGAACCTCTCATAAAAAATTTCAAAGTATTTAAATTACTACTG TATTCATACCTGGAGAATATCATTATGTGACTTAAAAATTTAAGTTTCACTACTCTGAGC ATTACATAAAGCCATAGCATGCTTAAAGAATTTACTGCTACCTTTTAAAGTCACTAAA ATCTTTTAAATGGTGAATGTCTAAGAGTCAGTCTTCAGGTATACCTGACAAAGGATGAGA AATGAGCTTTTGTAGAAATAGAAGTCTTTATTTAATAAAAAATGTGTACATTTGTGTCTAA AAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC014307 unedited GCAGTCAGATTTGTATACACTATTAGGCGGCCGCGAATCGCCATTACGCCGGGAGACACA GACCTGCTGGGCCACAGAAGGAGGCTCTGGGTAGACGCACTAGATTACTGGATAAATCAC TTCAATTTCCCAATGAATTTTATATTGTTTATTTTATACCTGGAGTTTTTCTTAAAA AGTAGCACTTTGAAGCCTACTATTGAAGCATTGCCTAATGTGCTACCTTTAAATGAAGAC GTTAATAAGCAGGAAGAAAAGAATGAAGATCATACTCCAATTATGCTCCTGCTAATGAG AAAAATGGCAATTATTATAAAGATATAAAACAATATGTGTTTACAACACAAAAATCCAAAT GGCACTGAGTCTGAAATATCTGTGAGAGCCACAACCTGACCTGAATTTTGCTCTAAAAAAC GATAAACTGTCAATGCAACTACATATGAAAAATCCACCATTGAAGAAGAAACAACACTACT AGCGAACCTCTCATAAAAAATTTCAAAGTATTTAAATTACTACACTGTATTCATACCTG GAGAATATCATTATGTGACTTANAAATTTAAGTTTCACTACTCTGAGCATTACATAAAGC CATAGCATGCTTAAAGAATTTATACTGCTACCTTTTTAAGTCACTAAAATCTTTTTAATG GTGAATGTCTAAGAATCAGTCTTCAGGTACCTGACAAGGATGAGAAATGAGCTTTTGT AGAATAGACTTTATTTTATAAAAGTGTACATTGTGTCTAAAAAAAAAAAAAGNANGN GGNCTTGTGGCCCCCTCGCCCCAGTTAANTAACAGAGAAGATGAGTATTGTGCTGAG AGTACGTTTCTATGTAGACAGAAAAAT
Restriction Sites:	Please inquire
ACCN:	BC014307
Insert Size:	746 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:	<u>BC014307.1</u> , <u>AAH14307.1</u>
RefSeq Size:	746 bp
RefSeq ORF:	384 bp
Locus ID:	54586
Cytogenetics:	9p21.2
Protein Families:	Transmembrane
Gene Summary:	Acrosomal membrane-anchored protein involved in the process of fertilization and in acrosome biogenesis.[UniProtKB/Swiss-Prot Function]