

Product datasheet for **SC304790**

AFAF (EQTN) (NM_020641) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AFAF (EQTN) (NM_020641) Human Untagged Clone
Tag:	Tag Free
Symbol:	AFAF
Synonyms:	AFAF; C9orf11; SPACA8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304790 representing NM_020641. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAATTTTATATTGTTTATTTTATACCTGGAGTTTTTCTTAAAAAGTAGCACTTTGAAGCCTACT
ATTGAAGCATTGCCTAATGTGCTACCTTTAAATGAAGATGTTAATAAGCAGGAAGAAAAGAATGAAGAT
CATACTCCCAATTATGCTCCTGCTAATGAGAAAAATGGCAATTATTATAAAGATATAAAACAATATGTG
TTCACAACACAAAATCCAAATGGCACTGAGTCTGAAATATCTGTGAGAGCCACAACCTGACCTGAATTTT
GCTCTAAAAAACGATAAAACTGTCAATGCAACTACATATGAAAAATCCACCATTGAAGAAGAAACAAC
ACTAGCGAACCCTCTCATAAAAAATTTCAAAGATCAACCCAAACGTGCCTGCATTTTGGACAATGTTA
GCTAAAGCTATAAATGGAACAGCAGTGGTCATGGATGATAAAGATCAATTATTTACCCAATTCAGAG
TCTGATGTGAATGCTACACAGGGAGAAAATCAGCCAGATCTAGAGGATCTGAAGATCAAAAATAATGCTG
GGAATCTCGTTGATGACCCTCCTCCTTTGTGGTCTCTTGGCATTCTGTAGTGCTACACTGTACAAA
CTGAGGCATCTGAGTTATAAAAGTTGTGAGAGTCACTACTCTGTCAACCCAGAGCTGGCCACGATGTCT
TACTTTTCATCCATCAGAAGGTGTTTCAGATACATCCTTTTCCAAGAGTGCAGAGAGCAGCACATTTTGTG
GGTACCACTTCTTCAGATATGAGAAGATCAGGCACAAGAACATCAGAATCTAAGATAATGACGGATATC
ATTTCCATAGGCTCAGATAATGAGATGCATGAAAACGATGAGTCGGTTACCCGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_020641
Insert Size:	885 bp



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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>NM_020641.2</u>
RefSeq Size:	1049 bp
RefSeq ORF:	885 bp
Locus ID:	54586
UniProt ID:	<u>Q9NQ60</u>
Cytogenetics:	9p21.2
Protein Families:	Transmembrane
MW:	32.8 kDa
Gene Summary:	<p>Acrosomal membrane-anchored protein involved in the process of fertilization and in acrosome biogenesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>