

Product datasheet for **SC322019**

XAF1 (NM_017523) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XAF1 (NM_017523) Human Untagged Clone
Tag:	Tag Free
Symbol:	XAF1
Synonyms:	BIRC4BP; HSXIAPAF1; XIAPAF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322019
CAAGAAACGAACTCAACCGAAAGCCTGCAGAGAGCAGAACATGGAAGGAGACTTCTCGG
TGTGCAGGAACGTGAAAAGACATGTAGTCTCTGCCAATTACCTCCATGAGGCTTACT
GCCTGCGGTTCTTGGTCTGTGTCCGGAGTGTGAGGAGCCTGTCCCAAGGAAACCATGG
AGGAGCACTGCAAGCTTGAGCACCAGCAGGTTGGGTGTACGATGTGTGAGCAGAGCATGC
AGAAGTCTCGCTGGAGTTTCATAAGGCCAATGAGTGCCAGGAGCGCCCTGTTGAGTGTA
AGTTCTGCAAACTGGACATGCAGCTCAGCAAGCTGGAGCTCCACGAGTCTACTGTGGCA
GCCGGACAGAGCTCTGCCAAGGCTGTGGCCAGTTCATCATGCACCGCATGCTCGCCAGC
ACAGAGATGTCTGTGCGAGTGAACAGGCCAGCTCGGGAAGGGGAAAGAATTTAGCTC
CTGAAAGGGAATCTACTGTCTATTGCAACCAATGATTCCAGAAAATAAGTATTTCC
ACCATATGGGTAAATGTTGTCCAGACTCAGAGTTTAAGAAACACTTTCTGTTGGAATC
CAGAAATCTTCTTCTCATCTCTTCCAAGTCAAGCTGCTGAAAATCAAACCTCCACGATGG
AGAAAGATGTTCTGTCACAAAGACAAGAAGTATAACAGATTTCTTCTTCTGAAAGTT
CATCAAAGAAAGCACCAAGAAGCAAAAACAAACCTTGGATCCACTTTTGATGTCAGAGC
CCAAGCCAGGACAGCTCCCCTAGAGGAGATAAAGCAGCCTATGACATTCTGAGGAGAT
GTTCTCAGTGTGGCATCTGCTTCCCCTGCCGATCCTAAATCAACATCAGGAGAAATGCC
GGTGGTTAGCTTCATCAAAGGAAAACAAGTGAGAAATTTAGCTAGATTTGGAAGGGA
AAGGTACTACAAATTCAAAAGATTTCACTTTTAACACTGGCATTCTGCCTACTTGCTGT
GGTGGTCTTGTAAGGTGATGGGTTTTATTCGTTGGGCTTTAAAGAAAAGGTTTGGCA
GAACTAAAAACAAACTCACGTATCATCTCAATAGATACAGAAAAGGCTTTTGATAAAAT
TCAACTTGACTTCATGTTAAAAACCTCAACAAACCAGGCGTCGAAGGAACATACCTCAA
AATAAAGAGCCATCTATGACAAAACACAGCCAACATCATACTGAATGAGCAAAAGCT
GGAGCATTACTCTTGAGAAGTAGAACAAGGCACTTCAGTCTATTCAACATAGTACTGGA
AGTCTCGCCACAGCAATCAGGCAAGAGAAAGAAATAAAAGGCAACCAAAAAGAAAGGAA
GTCGAAGTATCTCTGTTTGCAGACGATATGATTCTATATCTAGAAAACCCATGATCTTG
GCCAAAAGCTCCTAGATCTGATAAACTTCAGCTAACTTTAGGAGACAAAATCAAT
ATACAAAATATGGTAGCATTTTTATACCAACGACATCCAAGCTGAGAGCCAAATCAAG
AATGCAATCCTATTACAAATTGCCACAAAAA

Restriction Sites: Please inquire

ACCN: NM_017523

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:	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_017523.2, NP_059993.2</u>
RefSeq Size:	3638 bp
RefSeq ORF:	906 bp
Locus ID:	54739
UniProt ID:	<u>Q6GPH4</u>
Cytogenetics:	17p13.1
Domains:	zf-TRAF
Gene Summary:	This gene encodes a protein which binds to and counteracts the inhibitory effect of a member of the IAP (inhibitor of apoptosis) protein family. IAP proteins bind to and inhibit caspases which are activated during apoptosis. The proportion of IAPs and proteins which interfere with their activity, such as the encoded protein, affect the progress of the apoptosis signaling pathway. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012] Transcript Variant: This variant (1) encodes the longest isoform (1). Both variants 1 and 7 encode the same isoform (1).