

Product datasheet for SC114091

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:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114091 sequence for NM_017523 edited (data generated by NextGen Sequencing) <pre> ATGGAAGGAGACTTCTCGGTGTGCAGGAAGTGTAAAGACATGTAGTCTCTGCCAACTTC ACCCTCCATGAGGCTTACTGCCTGCGGTTCTGTGCTGTGTCCGAGTGTGAGGAGCCT GTCCCCAAGGAAACCATGGAGGAGCACTGCAAGCTTGAGCACCAGCAGGTTGGGTGTACG ATGTGTCAGCAGAGCATGCAGAAGTCTCGCTGGAGTTTCATAAGGCCAATGAGTGCCAG GAGCGCCTGTTGAGTGAAGTTCTGCAAACTGGACATGCAGCTCAGCAAGCTGGAGCTC CACGAGTCTACTGTGGCAGCCGACAGAGCTCTGCCAAGGCTGTGGCCAGTTCATCATG CACCGCATGCTCGCCAGCACAGAGATGTCTGTCGCAGTGAACAGGCCAGCTCGGGAAA GGGGAAGAATTTAGCTCCTGAAAGGGAAATCTACTGTCATTATTGCAACCAATGATT CCAGAAAATAAGTATTTCCACCATATGGGTAAATGTTGTCCAGACTCAGAGTTTAAGAAA CACTTTCCTGTTGAAATCCAGAAATTCCTTCATCTCTTCCAAGTCAAGCTGCTGAA AATCAAACCTCCACGATGGAGAAAGATGTTCTGTCCAAAGACAAGATATAAACAGATTT CCTCTTCATTCTGAAAGTTCATCAAAGAAAGCACCAAGAAGCAAAAAACAAACCTTGGAT CCACTTTTGATGTGAGAGCCCAAGCCAGGACCAGCTCCCCTAGAGGAGATAAAGCAGCC TATGACATTCTGAGGAGATGTTCTCAGTGTGGCATCCTGCTTCCCCTGCCGATCCTAAAT CAACATCAGGAGAAATGCCGGTGGTTAGCTTCATCAAAGGAAAACAAGTGAGAAATTTT AGCTAG </pre>

Clone variation with respect to NM_017523.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017523 unedited
 NAAAAATAAACCCCGCCGTTGNCGCAAAGGCGGTAGGCGGTACGGTGGGAGGTCT
 ATATAAGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAG
 CGGCCCGGAATTCGGCACGAGGAGAGAGCAGAACATGGAAGGAGACTTCTCGGTGTGCAG
 GAACTGTAAAAGACATGTAGTCTCTGCCAATTCACCCTCCATGAGGCTTACTGCCTGCG
 GTTCCTGGTCTGTGTCCGGAGTGTGAGGAGCCTGTCCCAAGGAAACCATGGAGGAGCA
 CTGCAAGCTTGAGCACCAGCAGGTTGGGTGTACGATGTGTGTCAGCAGAGCATGCAGAAGTC
 CTCGCTGGAGTTTCATAAGGCCAATGAGTGCCAGGAGCGCCCTGTTGAGTGTAAAGTTCTG
 CAAACTGGACATGCAGCTCAGCAAGCTGGAGCTCCACGAGTCTACTGTGGCAGCCGGAC
 AGAGCTCTGCCAAGGCTGTGGCCAGTTCATCATGCACCGCATGCTCGCCAGCACAGAGA
 TGTCTGTGCGAGTGAACAGGCCAGCTCGGAAAGGGGAAAGAATTTAGCTCCTGAAAG
 GGAAATCTACTGTCATTATTGCAACCAATGATTCCAGAAAATAAGTATTTCCACCATAT
 GGGTAAATGTTGTCCAGACTCAGAGTTTAAAGAACTTTCTGTTGAAATCCAGAAAT
 TCTTCCTTCATCTCTTCAAGTCAAGCTGCTGAAAATCAAACCTCCACGATGGAGAAAGA
 TGTTTCGTCCTCAAGACGACGTATAAACAGATTTCTCTTCATTCTGAAGNTCATCAAAG
 AAAGCACCTAAGAGCACAAACCAACCTTGATCCACTATTGATGTCAGAGCCAGCCAG
 GACCAGCTTCTCTAGAGNAGATAAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017523 unedited
 GGAGCACTGAGGGCAGCGGTCACAGGGCATGCCACCGGGTATCTGTTGCAGAAAAAGC
 TATGACCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTAGGTTGAGGGGCA
 CATGTGTAGGCTTGCTATATAGGTAAATTGCATGTCACCGGGTTGTTGTACAGATTAT
 TTCATCATCCATATAAAAGCATAGTACCAGATAGGTAGTTTTTTGATCCTCACCTCCT
 TCCATGCTCCGACCTCAGGTAGGCCCCAGTGTCTGCGGTTCCCTTCTTTGTATCCATGTG
 TACTCAATGTTTAGCTTCTACTTATAAGTGAGAACATGTGGTATTTGGTTTTCTGTTTCT
 GAGTGAGTTTCATTTAGGATAATGGCTTCCAGCTCCATCCACGTTGCTGCACAGGACATGA
 TCCCATTTCTTTTTATGGCTGCATAGTATTCCATGGTGTATATGTGCCACATTTTCTTTT
 TTTTTTTTTAAGGCAGAGTCTCGCTTGGTTGCCAGCCGTGGAATTCAATGGAAAAACCC
 CTGTTTTAATGGAAGCGGGAAGTTGCAGTTCAAGCGAATCTCAAGGTTATGGCTATTCA
 AGTAAATTGAATTAACGTGTGATCGGCCAACACACATGGCCAAATTTGCCTGTTGTTAA
 AAGAGACAGGAGTTTTCCCATGGTGGAACAGTCCCGGGCCGNAATTCGGAATTGTT
 AAGGAAAAAATGAAAAATAGCCGTTACATAAATATGTGGGAGAAAAAAGAGAAGCCTGT
 ATCGCCCTGGCCAAAAAATTTCTATATTCTTTCAACCCCGATGAACACTTAATTTT
 GAAATGCAGAACATTCCGAAGCCCGACAATGAATAACAAATACAAT

Restriction Sites:

NotI-NotI

ACCN:

NM_017523

Insert Size:

3200 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:	<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).