

## Product datasheet for **SC113719**

### ASF1B (NM\_018154) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ASF1B (NM_018154) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASF1B
Synonyms:	CIA-II
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113719 sequence for NM_018154 edited (data generated by NextGen Sequencing)

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ATGGCCAAGGTGTCGGTCTGAACGTGGCGGTCCTGGAGAACCCGAGCCCTTCCACAGC
CCCTTCCGGTTCGAGATCAGCTTCGAGTGCAGTGAAGCCCTGGCGGACGACCTGGAGTGG
AAGATCATTTATGTTGGCTCGGCTGAGAGTGAGGAATTTGATCAGATCCTAGACTCGGTG
CTGGTGGGCCCTGTGCCAGCAGGGAGACACATGTTTGTCTTTCAGGCCGACGCCCCAAC
CCATCCCTCATCCCAGAGACTGATGCCGTGGGTGTGACTGTGGTCCATCACCTGCACC
TACCATGGACAGGAGTTCATCCGAGTGGGCTACTACGTCAACAACGAGTACCTCAACCCT
GAGCTGCGTGAGAACCCGCCATGAAGCCAGATTTCTCCAGCTCCAGCGGAACATCTTG
GCCTCGAACCCCGGGTGACCCGCTTCCATATCAACTGGGACAACAACATGGACAGGCTG
GAGGCCATAGAGACCCAGGACCCCTCCCTGGGCTGCGGCCTCCCACTCAACTGCACTCCT
ATCAAGGCTTGGGGCTCCCTGGCTGCATCCCTGGCCTCCTCCCTGAGAACTCCATGGAC
TGCATCTAA
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Clone variation with respect to NM\_018154.2



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_018154 unedited            GCGTTCAGATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCTGGTCAG            CCCTACCCCACTGACCCACCGGACCCAGGCGCGGCTCCGCCACAGCCACAGCCCCTGC            CCCTGCTGCGGCGCGGCGAGGCGAGGCGATGGCCAAGGTGTCGGTGTGAACGTGGCGGT            CCTGGAGAACCCGAGCCCTTTCCACAGCCCTTCCGGTTCGAGATCAGCTTCGAGTGCAG            TGAAGCCCTGGCGGACGACCTGGAGTGGAAAGATCATTTATGTTGGCTCGGCTGAGAGTGA            GGAATTTGATCAGATCCTAGACTCGGTGCTGGTGGGCCCTGTGCCAGCAGGGAGACACAT            GTTTGTCTTTAGGCCGACGCCCAACCCATCCCTCATCCAGAGACTGATGCCGTGGG            TGTGACTGTGGTCTCATCACCTGCACCTACCATGGACAGGAGTTCATCCGAGTGGGCTA            CTACGTCAACAACGAGTACCTCAACCCTGAGCTGCGTGAGAACC CGCCATGAAGCCAGA            TTTCTCCAGCTCCAGCGGAACATCTTGGCCTCGAACCCCGGGTGACCCGCTTCCATAT            CAACTGGGACAACAACATGGACAGGCTGGAGGCCATAGAGACCCAGGACCCCTCCCTGGG            CTGCGGCCTCCCACTCAACTGCACTCCTATCAAGGGCTTGGGGCTCCCTGGCTGCATCCC            TGGCCTCCTCCCTGAGAACTCCATGGACTGCATCTAACTGCANGAACCCAGAGTGTCCCA            GCACGCCGGGAGGGGCAACCCAGCCTNCCAGCGAGTCTGCAGGGCCCATCTAGAGGACT            TTGGGGGCCATCAGCTGCAATCCAGGTCTGTCAAACCTAGCCCCCTAGAAAGACAGGCC            TTTGGGTCTNCCCTAGTCTGGCCAGAAGGAT</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_018154 unedited            GCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCTAAATGAAGTGCTTTTAATTTT            CAGACCAAACATTTTTAATAAAAACATTTTGATAATATACAAACAGCAATCACAACAG            CATCCACATGGCAGCAAGGGGACCAGGGCACAGAGAGGGGGAGCGGGCTGGGAGGGACA            GTTTTCAGGGTCCAGTTGCTTCCCTGGCTTGAATCACCTGGTCTAGCAGAGGACAG            GTTAAGGCTGCCAGAGGCAGAGGGTCCCTGACCCTGGCCCGGAGACAGACTGCCAGGCA            GGCCCTCTGATACCATTTCCAACCATGGCAGCCTCCAGGAAAAGCCAGATCCATTTAGG            AGATAACAGGAAGGTGGCTGTGATTGACAGGAAAGGCAACATGGTTCTCAGCATCCTGC            TGATCACACCTCTGGGAGGGGCTGCTGGATTGAAGAGGACCTAAGAACTTCTGGGAGC            AGGACAGAAAATGGGATCTAAGTCTACCTACTAATAACTTCCCCTGTGACACCAGAA            AGCTGGAGTGGGTCTGCTCAGATGTACAGGAAGAGAAAAGAAATGACAAAGCCTTTGCTCAG            CAGGACTGGAGCCTTGACAGGCACTGACCANNGAAAGCTCNNTAGTGGCCAGGGAGGTCT            GTGGAANNAGCCTTGATCACTGGTACTCAAGGGTGCACAGTGGCACAGTGGCCCTAGNTA            GATTNATGAAGAGGAAAAGACCAAGTCAGAATTAGAAAAGTGAAGTACCTGCTTCTTATAGG            CCTGTAGAGGAAAAGCAGATCTTCTTCCAGACTAGGGAGAACCAGGGCTGTTCTTCC            TAGGGCTGAATTGAAGAACTGTATTGACTGATGCCCCAAGTCTTTAATGGCCTGCAGAC            TGCTGGNAGCCTGTTGCCCTCCGGGGGCTGGAACCTTTGGTCTGGGTTAAAGCACCCCTGGA            TTTCAGGAGAGGCAGGTGCACCGGGACCCCAACTTGATGATGCNTGATGGAAGCCACCAC            GAGGGC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_018154
<b>Insert Size:</b>	1750 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_018154.2</a></u> , <u><a href="#">NP_060624.1</a></u>
<b>RefSeq Size:</b>	1746 bp
<b>RefSeq ORF:</b>	609 bp
<b>Locus ID:</b>	55723
<b>UniProt ID:</b>	<u><a href="#">Q9NVP2</a></u>
<b>Cytogenetics:</b>	19p13.12
<b>Domains:</b>	Anti-silence
<b>Gene Summary:</b>	This gene encodes a member of the H3/H4 family of histone chaperone proteins and is similar to the anti-silencing function-1 gene in yeast. The encoded protein is the substrate of the tousled-like kinase family of cell cycle-regulated kinases, and may play a key role in modulating the nucleosome structure of chromatin by ensuring a constant supply of histones at sites of nucleosome assembly. [provided by RefSeq, Jul 2008]