

Product datasheet for **RG206114**

ASF1B (NM_018154) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ASF1B (NM_018154) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ASF1B
Synonyms: CIA-II
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG206114 representing NM_018154
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAAGGTGTCGGTGTGAACGTGGCGGTCTGGAGAACCCGAGCCCTTCCACAGCCCTTCCGGT
TCGAGATCAGCTTCGAGTGCAGTGAAGCCCTGGCGGACGACCTGGAGTGAAGATCATTTATGTTGGCTC
GGCTGAGAGTGAGGAATTTGATCAGATCCTAGACTCGGTGCTGGTGGCCCTGTGCCAGCAGGGAGACAC
ATGTTTGTCTTTCAGGCCGACGCCCAACCCATCCCTCATCCCAGAGACTGATGCCGTGGGTGTGACTG
TGGTCTCATCACCTGCACCTACCATGGACAGGAGTTCATCCGAGTGGGCTACTACGTCAACAACGAGTA
CCTCAACCCTGAGCTGCGTGAGAACCCGCCATGAAGCCAGATTTCTCCCAGCTCCAGCGGAACATCTTG
GCCTCGAACCCCGGGTGACCCGCTTCCATATCAACTGGGACAACAACATGGACAGGCTGGAGGCCATAG
AGACCCAGGACCCCTCCCTGGGCTGCGGCCTCCCACTCAACTGCATCCTATCAAGGGCTTGGGGCTCCC
TGGCTGCATCCCTGGCCTCCTCCCTGAGAACTCCATGGACTGCATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG206114 representing NM_018154
 Red=Cloning site Green=Tags(s)

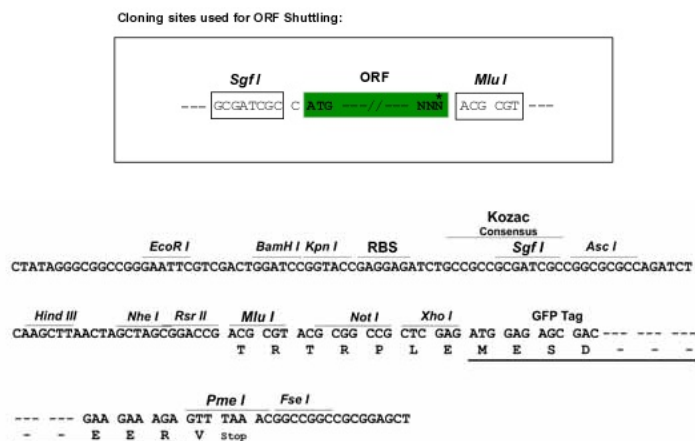
MAKVSVLNVALENPSPFHSPFRFEISFECSEALADDLEWKIIYVGSASEEFDQILDSVLVGPVPAGRH
MFVFAQADAPNPSLIPETDAVGVTVVLITCTYHQQEFIRVGYVNNNEYLNPENPPMKPDFSQLQRNII
ASNPRVTRFHINWDNMDRLEAIETQDPSLGCGLPLNCTPIKGLGLPGCIPGLLPENSMDCI

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_018154

ORF Size: 606 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_018154.3](#)

RefSeq Size: 1746 bp

RefSeq ORF: 609 bp

Locus ID: 55723

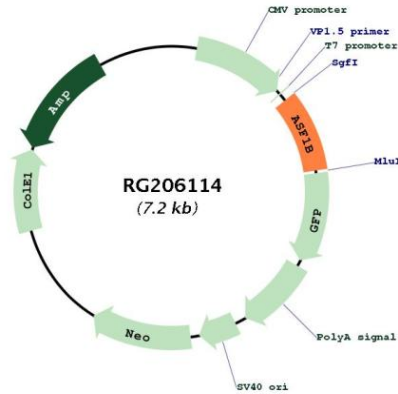
UniProt ID: [Q9NVP2](#)

Cytogenetics: 19p13.12

Domains: Anti-silence

Gene Summary: 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 tousel-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]

Product images:



Circular map for RG206114