

Product datasheet for **RR207543**

Asf1b (NM_001107160) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asf1b (NM_001107160) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Asf1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207543 representing NM_001107160
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGCCAAGGTGTCGGTGTGAATGTGGCTGTGCTGGAGAACCCGAGCCCTTCCACAGCCCTTCCGGT
TTGAGATCAGCTTCGAATGCAGTGAGGCCCTGTCTGACGACCTTGAGTGAAGATCATTTATGTGGGCTC
AGCTGAGAGCGAGGAGTTGATCAGATCCTAGACTCAGTGTGGTGGCCCTGTTCTGCAGGAAGGCAT
ATGTTTCGTCTTTCAGGCTGATGCCCAAACCCATCCCTTATTCTGAGACGGACGCGTGGGTGTGACTG
TGGTTCTCATCCTGCACCTACCATGGACAAGAGTTCATCCGTGTAGGCTATTATGTCAACAATGAGTA
CCCAGACCCGGAGCTTCGGGAGAACCCACCCCAAAGCCAGACTTCTCTCAGTTACAGCGGAACATCTTG
GCCTCTAACCCCGGGTGACCCGATTCCATATCAACTGGGACAACAATCCTGACAGGCTGAAAACCATAG
AAAACCAGGACCCCAATGTGGACTTTGGCCTTCCCTCAGTTGCACTCCCGTCAAAAACCTGGGCCTCCC
TAACTGCATCCAGGCCTCCTCCCTGAGAACTCCATGGATTGCATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR207543 representing NM_001107160
Red=Cloning site Green=Tags(s)

MAKVSVLNVAVLENPSPFHSPFRFEISFECSEALSDDLEWKIIYVGSASEEFDQILDVSVLVGPVPAGRH
MFVYFQADAPNPSLIPETDAVGTVVLIITCTYHQEFIRVGYVYVNNPELRENPPPKPDFSQLQRNII
ASNPRVTRFHINWDNNDPDRLETIENQDPNVDFGLPLSCTPVKNLGLPNCIPGLLPENSMDCI

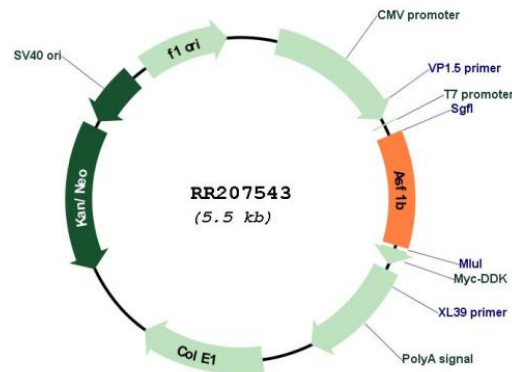
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001107160

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:	<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_001107160.1, NP_001100630.1</u>
RefSeq Size:	1586 bp
RefSeq ORF:	609 bp
Locus ID:	304648
Cytogenetics:	19q11
MW:	22.6 kDa