

Product datasheet for MR203635

Anp32b (NM_130889) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anp32b (NM_130889) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Anp32b
Synonyms:	2410015B15Rik; PAL31; PHAPI2a; Ssp29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203635 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATATGAAGAGGAGGATCCACCTGGAGCTGAGGAACCGGACCCGGCAGCCGTTTCGAGAACTTGCT
TGGACAATTGCAAAGCAATGGATGGAAAAATTGAGGGTTAACAGATGAATTTGTGAACTTAGAGTTCT
CAGTTTAATAAGTGTAGGCTTGTTCAGTTTCAGACCTCCCGAAGCTACCTAAGTTGAAAAAGCTTGAG
CTCAGTAAAAATAGAATCTTCGGAGGTCTGGACAGACTAGCAGAAGAACTCCAAGCCTCACACATCTGA
ACCTAAGTGGCAATAACCTGAAAGATATCAGCACCTTGGAGCCGTTGAAAAGTTGGATTGTCTGAAAAG
CCTGGATCTGTTGGCTGTGAGGTCACTAACCGGAGTGATTACCGAGAACTGTCTTCAGGCTCCTGCC
CAGCTGTCTATCTGGATGGCTATGACCGAGAGGACCAGGAAGCACCTGACTCAGATGTGGAGGTGGATA
GTGTAGAGGAAGCCCGACTCAGATGGAGAGGTGGATGGTGTGGACAAAGAGGAAGAGGATGAAGAAGG
AGAGGATGAAGAGGAAGAGGAAGATGAGGATGGTGAAGAAAGAAGATGAAGACGAAGAAGATGAGGAT
GAAGATGAGGATGTAGAAGGAGAAGATGATGAGGATGAAGTCAGCGGGGAGGAAGAAGATTTGGACATG
ATGGGGAAGTTGATGAAGATGAAGAAGATGAGGATGAAGATGAGGATGAAGAGGAGGAAGAAGTGGGAA
GGGTGAAAAGAGAAAGAGAGAAACAGATGACGAAGGAGAAGATGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_130889.3](#)

RefSeq Size: 1382 bp

RefSeq ORF: 819 bp

Locus ID: 67628

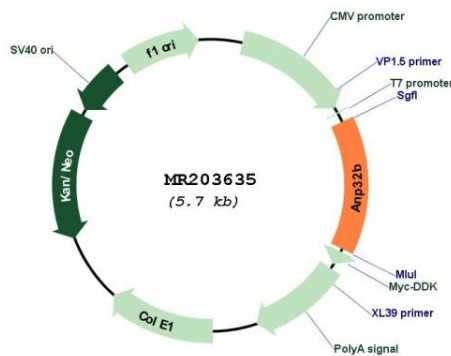
UniProt ID: [Q9EST5](#)

Cytogenetics: 4 B1

MW: 31.1 kDa

Gene Summary: Multifunctional protein working as a cell cycle progression factor as well as a cell survival factor. Required for the progression from the G1 to the S phase. Anti-apoptotic protein which functions as a caspase-3 inhibitor. Has no phosphatase 2A (PP2A) inhibitor activity. Exhibits histone chaperone properties, stimulating core histones to assemble into a nucleosome (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203635