

Product datasheet for MC200722

Anp32b (NM_130889) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Anp32b (NM_130889) Mouse Untagged Clone
Tag: Tag Free
Symbol: Anp32b
Synonyms: 2410015B15Rik; PAL31; PHAPI2a; Ssp29
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005628 sequence for NM_130889
 CCCACGCGTCCGCGGACGCGTGGGCGCAGTAACCTTGGCTCCGGGGGCTCCGCTCGCCCGCACGCCCGCA
 CGCCGCCCGGGGACCACGCCGCCCTCCTCCAGCCGCTCCCTCCGACGGCCCTCGCCGCGCAGGCCGG
 GTCGCCTCTCCCCCTCGCCCCCGCCGGAAGTTAAGTTTGGAGAGGGGGACGAGGGGAACATGGA
 TATGAAGAGGAGGATCCACCTGGAGCTGAGGAACCGGACCCCGGACGCCGTTTCGAGAAGCTTGTCTTGGAC
 AATTGCAAAGCAATGGATGAAAAATTGAGGGTTAACAGATGAATTTGTGAAGTTAGAGTTCCTCAGTT
 TAATAAGTGTAGGCTTGTTCAGTTTCAGACCTCCCAGAGCTACCTAAGTTGAAAAAGCTTGAGCTCAG
 TGAAAAATAGAATCTTCGGAGGTCTGGACAGACTAGCAGAAGAAGTTCCAAGCCTCACACATCTGAACCTA
 AGTGGCAATAACCTGAAAGATATCAGCACCTTGGAGCCGTTGAAAAGGTTGGATTGTCTGAAAAGCCTGG
 ATCTGTTTGGCTGTGAGGTCCTAACCCGAGTATTACCGAGAACTGTCTTCAGGCTCCTGCCCGAGCT
 GTCCTATCTGGATGGCTATGACCGAGAGGACCAGGAAGCACCTGACTCAGATGTGGAGGTGGATAGTGTA
 GAGGAAGCCCCGACTCAGATGGAGAGGTGGATGGTGTGGACAAAGAGGAAGAGGATGAAGAAGGAGAGG
 ATGAAGAGGAAGAGGAAGATGAGGATGGTGAAGAAAGAAAGATGAAGACGAAGAAGATGAGGATGAAGA
 TGAGGATGTAGAAGGAGAAGATGATGAGGATGAAGTCAGCGGGGAGGAAGAAGAAATTTGGACATGATGGG
 GAAGTTGATGAAGATGAAGAAGATGAGGATGAAGATGAGGATGAAGAGGAGGAAGAAGAAAGTGGGAAGGGT
 AAAAGAGAAAGAGAGAAACAGATGACGAAGGAGAAGATGATTAAGACCCGAAACAACCTGCAAGAAACAG
 AACTGTTGAGTATTGGTTGGACTGCTCATGGATTTGGTAGCTGTTTTAAAAAGGTAGCTGTGATACAAGC
 CCCAGGACACCCCAACCAAGAGCCAAAGAATAGTTCCCGCGACATTCGCCTTCTCCGTTAGCCCTT
 TGGTAATCCACCACCAAGCCTGGGGACTTCGCCCAACAAAATTGTAACGTTGTTAGGTTTTCGTGTA
 GACTCTTGCTGTATCGTGACAGCTGTGATTGGTGAAGTTGACCGTCTGGCTGCCAGTTACACTGCGATTG
 TAACAACATTTTTACTTTCTGTACAACAAGGAAAAGCTTTGTAATAAAATCTTAACATTTTGAAAAAAA AAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_130889
Insert Size: 819 bp



[View online »](#)

| | |
|-------------------------------|---|
| 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: | <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: | BC005628 , AAH05628 |
| RefSeq Size: | 1408 bp |
| RefSeq ORF: | 819 bp |
| Locus ID: | 67628 |
| UniProt ID: | Q9EST5 |
| Cytogenetics: | 4 B1 |
| 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] |