

Product datasheet for **MC207224**

Anp32a (NM_009672) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anp32a (NM_009672) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Anp32a
Synonyms:	Anp32; I1PP2A; LANP; PHAP1; pp32; W91701
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207224 representing NM_009672 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGGAGATGGACAACGGATTTATTTAGAGCTGCGGAACAGGACGCCCTCTGATGTGAAAGAGCTGGTCC
TGGAACTGTAAGTCAATTGAAGGCAAAATCGAAGGCCACCGGATGAGTTGAAGAACTGGAATTCCT
AAGTACAATCAACGTAGGCCTCACCTCCATTTCCAACCTACCAAAGTTAAACAACTCAAGAAGCTTGAA
TTAAGCGAAAACAGAATCTCAGGGGACCTGGAAGTATTGGCAGAGAAATGTCCGAACCTTAAGCATCTAA
ATTTAAGTGGCAACAAAATAAAGATCTCAGCACAATAGAGCCGCTGAAGAAGTTAGAGAATCTCAAGAG
CCTAGACCTGTTAACTGTGAGGTGACCAACCTGAATGCCTACCGAGAAAACGTGTTCAAGCTCCTGCC
CAGGTCATGTACCTCGATGGCTATGACAGGGACAACAAGGAGGCCCCGACTCCGATGTTGAGGGCTACG
TGGAGGATGACGACGAGGAAGATGAGGATGAGGAGGAGTATGATGAATATGCCAGCTAGTGAAGATGA
AGAGGAAGAGGATGAGGAGGAAGAAGGGGAGGAAGAGGATGTGAGTGGAGAGGAGGAGGAGGATGAGGAA
GGTTACAATGACGGGGAAGTGGATGACGAGGAAGCAAGAAGAAGCTGGTGAAGAAGAAGGGAGTCAGA
AGCGAAAACGAGAACCGGACGATGAGGGCGAAGAGGATGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_009672
Insert Size:	744 bp



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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:	NM_009672.3 , NP_033802.2
RefSeq Size:	2105 bp
RefSeq ORF:	744 bp
Locus ID:	11737
UniProt ID:	O35381
Cytogenetics:	9 33.68 cM
Gene Summary:	Implicated in a number of cellular processes, including proliferation, differentiation, caspase-dependent and caspase-independent apoptosis, suppression of transformation (tumor suppressor), inhibition of protein phosphatase 2A, regulation of mRNA trafficking and stability in association with ELAVL1, and inhibition of acetyltransferases as part of the INHAT (inhibitor of histone acetyltransferases) complex. Plays a role in E4F1-mediated transcriptional repression.[UniProtKB/Swiss-Prot Function]