Acidic Leucine-Rich Nuclear Phosphoprotein 32 Family Member B (anp32b) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acidic leucine-rich nuclear phosphoprotein 32 family member B (anp32b), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Acidic leucine-rich nuclear phosphoprotein 32 family member B (anp32b)
Product Gene Name	anp32b recombinant protein
Product Synonym Gene Name	anp32b
Sequence	MDMKKRLMLE LRNRKAADAK ELVLDNCRSD DGKIIGLTSE FESLEFLSMI NVNLLSVANL PKLPKLKKLE LSDNRISGGL EVLAERTPNL THLNLSGNKI KEINTLEPLK KLPHLMSLDL FNCEVTMLNN YRESVFELLP KLTFLDGFDA DDQEAPDSDP EAEDLEENGE DGEEDEEDDE EEEEFEDELD DEDEDEEGEE EEDGEEEDED DEDVPQGEKR KRDLSDEGEE EEEDDEDDE
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	27,416 Da
Sequence Positions	1-239, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8AVC1
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anp32b recombinant protein	MBS1439809 is a recombinant protein targeting anp32b. Also known as Recombinant Xenopus laevis Acidic leucine-rich nuclear phosphoprotein 32 family member B (anp32b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of anp32b recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for anp32b. It may not necessarily be applicable to this product.

NCBI GI #	147900023
NCBI GeneID	379120
NCBI Accession #	NP_001079433.1
UniProt Primary Accession #	Q8AVC1

UniProt Related Accession #	Q8AVC1
GenBank Nucleotide #	NM_001085964.1
NCBI Official Full Name	acidic leucine-rich nuclear phosphoprotein 32 family member B
NCBI Official Synonym Full Names	acidic nuclear phosphoprotein 32 family member C L homeolog
NCBI Official Symbol	anp32c.L
NCBI Official Synonym Symbols	anp32b
UniProt Protein Name	Acidic leucine-rich nuclear phosphoprotein 32 family member B
Protein Family	Acidic leucine-rich nuclear phosphoprotein 32 family
UniProt Gene Name	anp32b
NCBI Protein Information	acidic leucine-rich nuclear phosphoprotein 32 family member B
UniProt Comments for anp32b	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 ().
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