Protein BANP (BANP) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein BANP (BANP), Recombinant Protein
Full Product Name	Recombinant Bovine Protein BANP (BANP) , partial
Product Gene Name	BANP recombinant protein
Product Synonym Gene Name	BANP
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	54,820 Da
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 Q0VCW3
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BANP recombinant protein	This gene encodes a protein that binds to matrix attachment regions. The protein functions as a tumor suppressor and cell cycle regulator. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Other Notes	Small volumes of BANP 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.
Searchable Terms for BANP purchase	MBS1306198 is a recombinant protein targeting BANP. Also known as Recombinant Bovine Protein BANP (BANP) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

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

NCBI GI #	115498006
NCBI GeneID	513446
NCBI Accession #	NP_001069088.1
UniProt Primary Accession #	Q0VCW3
UniProt Related Accession #	Q0VCW3
GenBank Nucleotide #	NM_001075620.1
NCBI Official Full Name	protein BANP

NCBI Official Synonym Full Names	BTG3 associated nuclear protein
NCBI Official Symbol	BANP
UniProt Protein Name	Protein BANP
Protein Family	Protein
UniProt Gene Name	BANP
NCBI Protein Information	protein BANP
UniProt Comments for BANP	Controls V(D)J recombination during T-cell development by repressing T-cell receptor (TCR) beta enhancer function. Binds to scaffold/matrix attachment region beta (S/MARbeta), an ATC-rich DNA sequence located upstream of the TCR beta enhancer. Represses cyclin D1 transcription by recruiting HDAC1 to its promoter, thereby diminishing H3K9ac, H3S10ph and H4K8ac levels. Promotes TP53 'Ser-15' phosphorylation and nuclear accumulation, which causes cell cycle arrest ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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