Ga-Binding Protein Subunit Beta-1 (GABPB1) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	GA-binding protein subunit beta-1 (GABPB1), Recombinant Protein
Full Product Name	Recombinant Bovine GA-binding protein subunit beta-1 (GABPB1)
Product Gene Name	GABPB1 recombinant protein
Product Synonym Gene Name	GABPB1
Sequence	SLVDLGKKLL EAARAGQDDE VRILMANGAP FTTDWLGTSP LHLAAQYGHY STTEVLLRAG VSRDARTKVD RTPLHMAASE GHASIVEVLL KHGADVNAKD MLKMTALHWA TEHNHQEVVE LLIKYGADVH TQSKFCKTAF DISIDNGNED LAEILQIAMQ NQINTNPESP DTVTIHAATP QFIIGPGGVV NLTDETGVSA VQFGNSSTSV LATLAALAEA SAPLSNSSET PVVATEEVVT AESVDGAIQQ VVSSGGQQVI TIVTDGIQLG NLHSIPTSGI GQPIIVTMPD GQQVLTVPAT DIAEETVISE EPPAKRQCIE IIENRVESAE IEEREALQKQ LDEANREAQK YRQQLLKKEQ EAEAYRQKLE AMTRLQTNKE AV
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	41,321 Da
Sequence Positions	2-383, 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 Q1RMI3
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GABPB1 recombinant protein	This gene encodes the GA-binding protein transcription factor, beta subunit. This protein forms a tetrameric complex with the alpha subunit, and stimulates transcription of target genes. The encoded protein may be involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. The crystal structure of a similar protein in mouse has been resolved as a ternary protein complex. Multiple transcript variants encoding distinct isoforms have been identified for this gene.
Other Notes	Small volumes of GABPB1 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 GABPB1 purchase	MBS1399165 is a recombinant protein targeting GABPB1. Also known as Recombinant Bovine GA-binding protein subunit beta-1 (GABPB1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GABPB1. It may not necessarily be applicable to this product.

NCBI GI #	115495393
NCBI GeneID	520313
NCBI Accession #	NP_001069272.1
UniProt Primary Accession #	Q1RMI3
UniProt Related Accession #	Q1RMI3
GenBank Nucleotide #	NM_001075804.1
NCBI Official Full Name	GA-binding protein subunit beta-1
NCBI Official Symbol	GABPB1
NCBI Official Synonym Symbols	GABPAP; GABPB2
UniProt Protein Name	GA-binding protein subunit beta-1
UniProt Synonym Protein Names	GABP subunit beta-2; GABPB-2
Protein Family	GA-binding protein
UniProt Gene Name	GABPB1
UniProt Synonym Gene Names	GABPB2; GABP subunit beta-1; GABPB-1; GABPB-2
NCBI Protein Information	GA-binding protein subunit beta-1
UniProt Comments for GABPB1	Transcription factor capable of interacting with purine rich repeats (GA repeats).
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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