Activator of Basal Transcription 1 (ABT1) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Activator of basal transcription 1 (ABT1), Recombinant Protein
Full Product Name	Recombinant Bovine Activator of basal transcription 1 (ABT1)
Product Gene Name	ABT1 recombinant protein
Product Synonym Gene Name	ABT1
Sequence	MEVEGLELDT AELGPLEGSH QKLEAEEEQE ESEDAAGGSK KRVVPGIVYL GHIPPRFRPL HVRNLLSAYG EVGRVFFQAE DGFVKRKKKA AAASAAGGKK RSKYSKDYTE GWVEFRDKRV AKRVAVSLHN TPMGSRRRSP FRYDLWNLKY LHRFTWSHLS EHLAFERQVR RQRLRAEVAQ AKRETDFYLR SVERGQRFLA ADGDSTRPNG SWAFAQRPTE QEMRARKAAR PGGRERARLA NAQDQARSNR GLLAKIFGAP TPSESRGNSS PARNS
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	31,160 Da
Sequence Positions	1-275, 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 Q148M8
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ABT1 recombinant protein	Basal transcription of genes by RNA polymerase II requires the interaction of TATA-binding protein (TBP) with the core region of class II promoters. Studies in mouse suggest that This protein likely activates basal transcription from class II promoters by interaction with TBP and the class II promoter DNA.
Other Notes	Small volumes of ABT1 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 ABT1 purchase	MBS1471286 is a recombinant protein targeting ABT1. Also known as Recombinant Bovine Activator of basal transcription 1 (ABT1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ABT1. It may not necessarily be applicable to this product.

NCBI GI #	115495583
NCBI GeneID	539270
NCBI Accession #	NP_001069620.1

UniProt Primary Accession #	Q148M8
UniProt Related Accession #	Q148M8
GenBank Nucleotide #	NM_001076152.2
NCBI Official Full Name	activator of basal transcription 1
NCBI Official Synonym Full Names	activator of basal transcription 1
NCBI Official Symbol	ABT1
UniProt Protein Name	Activator of basal transcription 1
Protein Family	Activator of basal transcription
UniProt Gene Name	ABT1
NCBI Protein Information	activator of basal transcription 1
UniProt Comments for ABT1	Could be a novel TATA-binding protein (TBP) which can function as a basal transcription activator. Can act as a regulator of basal transcription for class II genes ().
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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