Endonuclease-1 (endA) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endonuclease-1 (endA), Recombinant Protein
Full Product Name	Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Endonuclease-1 (endA)
Product Gene Name	endA recombinant protein
Product Synonym Gene Name	endA
Sequence	MLIRSIFFFT ILIFSTCLSS NENIKHHYHK NFNQIKKLAQ KINIDAPGTF YCGCKIFWKE KKGIPELNSC GYHIRKNANR ANRIEWEHVM PAWQFGHSKS CWKKGGRKNC IHDYNYQKIE TDLHNLQPVI GEINGDRSNF MYNQFPKSTL NGQYGQCSMK IDFKNKLVEP PDISKGAISR IYFYMSDFYH FKLSKKQKKL FLMWNKKYNV TNWECMRDNL IFKIQGNHNP YVYSKCQKNN TNKNI
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	29,154 Da
Sequence Positions	1-245, 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 Q89AD7
Species	Buchnera aphidicola subsp. Baizongia pistaciae (strain Bp)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for endA recombinant protein	MBS1377570 is a recombinant protein targeting endA. Also known as Recombinant Buchnera aphidicola subsp. Baizongia pistaciae Endonuclease-1 (endA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of endA 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 endA. It may not necessarily be applicable to this product.

NCBI GI #	499404020
NCBI Accession #	WP_011091487.1
UniProt Primary Accession #	Q89AD7
GenBank Nucleotide #	WP_011091487.1
NCBI Official Full Name	endonuclease-1

UniProt Protein Name	Endonuclease-1
UniProt Synonym Protein Names	Endonuclease I; Endo I
Protein Family	Endonuclease
UniProt Gene Name	endA
UniProt Synonym Gene Names	Endo I
UniProt Comments for endA	Has double-strand break activity.
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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