DNA- (Apurinic or Apyrimidinic Site) Lyase (apeA) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA- (apurinic or apyrimidinic site) lyase (apeA), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum DNA- (apurinic or apyrimidinic site) lyase
Product Gene Name	apeA recombinant protein
Sequence	MTSRTKKLKM DEEEILKKED GSETTSEEEK EEVEEEEEED KKRKLVKKTP AKKAPAKKAA AKKKSKDEDE DEEEKEEEEE TNKTTASVSI AIDNLDEPKV EENQMKIISW NVAGFKSVLS KGFTEYVEKE NPDVLCLQET KINPSNIKKD QMPKGYEYHF IEADQKGHHG TGVLTKKKPN AITFGIGIAK HDNEGRVITL EYDQFYIVNT YIPNAGTRGL QRLDYRIKEW DVDFQAYLEK LNATKPIIWC GDLNVAHTEI DLKNPKTNKK SAGFTIEERT SFSNFLEKGY VDSYRHFNPG KEGSYTFWSY LGGGRSKNVG WRLDYFVVSK RLMDSIKISP FHRTSVMGSD HCPIGVVVDL N
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	41,327 Da
Sequence Positions	1-361, 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 P51173
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for apeA recombinant protein	MBS1227998 is a recombinant protein targeting apeA. Also known as Recombinant Dictyostelium discoideum DNA-(apurinic or apyrimidinic site) lyase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of apeA 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 apeA. It may not necessarily be applicable to this product.

NCBI GI #	66817330
NCBI GeneID	8621167
NCBI Accession #	XP_642518.1
UniProt Primary Accession #	P51173

UniProt Secondary Accession #	Q54Z97; Q75K06
GenBank Nucleotide #	XM_637426.1
NCBI Official Full Name	hypothetical protein DDB_G0277701
NCBI Official Symbol	apeA
UniProt Protein Name	DNA-(apurinic or apyrimidinic site) lyase
UniProt Synonym Protein Names	Class II apurinic/apyrimidinic(AP)-endonuclease
Protein Family	Probable M18 family aminopeptidase
UniProt Gene Name	apeA
NCBI Protein Information	hypothetical protein
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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