Putative Holliday Junction Resolvase (Bpen_257) (BPEN_257) Blochmannia Pennsylvanicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative Holliday junction resolvase (BPEN_257), Recombinant Protein
Full Product Name	Recombinant Blochmannia pennsylvanicus Putative Holliday junction resolvase (BPEN_257)
Product Gene Name	BPEN_257 recombinant protein
Product Synonym Gene Name	BPEN_257
Sequence	MRDVNCVGIV MGFDFGTKHI GVAIGQKLTC TAQPLTVLQS QSGVPNWKRI RDIYNTWKPM IFVVGLPLKI DGSEQPITIL AKIFAIQLKE LFPVPVKMHD ERFSTSEARL NYFKYYHDDL CARSNIKINA IAAGVILKSW LNKS
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	16,253 Da
Sequence Positions	1-144, 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 Q493F4
Species	Blochmannia pennsylvanicus (strain BPEN)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BPEN_257 recombinant protein	MBS1308800 is a recombinant protein targeting BPEN_257. Also known as Recombinant Blochmannia pennsylvanicus Putative Holliday junction resolvase (BPEN_257). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BPEN_257 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 BPEN_257. It may not necessarily be applicable to this product.

NCBI GI #	499602061
NCBI Accession #	WP_011282795.1
UniProt Primary Accession #	Q493F4
GenBank Nucleotide #	WP_011282795.1

NCBI Official Full Name	Holliday junction resolvase RuvX
UniProt Protein Name	Putative pre-16S rRNA nuclease
UniProt Gene Name	yqgF
UniProt Comments for BPEN_257	Could be a nuclease involved in processing of the 5'-end of pre-16S rRNA.
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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