Protein Pelota Homolog (pelA) Ignicoccus Hospitalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein pelota homolog (pelA), Recombinant Protein
Full Product Name	Recombinant Ignicoccus hospitalis Protein pelota homolog (pelA)
Product Gene Name	pelA recombinant protein
Sequence	MRVLEVNESK GEVKVRVEDE EDVWILHSAL RPGDLVRART ARSVAGSSGK EKIPMTLTIK VTGSEFQAFS NVLRVKGVVV EGPDKFGLIG SHHAIKVYPG KEITIIRERG LAQLLERLKK GEERKPQVPV LAVDYDEYSL AVVRGQGIEW VFEGSLRLPG KGDEGREAAT ERKINELAKR VSEELKLRNL DHVVVVGPGF LKDKVAQRLS EEGFKVKVDS ASSGGRAGVL EAIRKGSLRG VAKELESIKA LEALEEFVKH VARGDGYALY GVDDCMTAAQ ANAVKTLIIS DDLLHSPDLG ERAVELVELA EKKGAEVIIV PKGTEAWERL RPFGDVVCLL RFPISL
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	37,928 Da
Sequence Positions	1-346, 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 A8A935
Species	Ignicoccus hospitalis (strain KIN4/I / DSM 18386 / JCM 14125)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pelA recombinant protein	MBS1241476 is a recombinant protein targeting pelA. Also known as Recombinant Ignicoccus hospitalis Protein pelota homolog (pelA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pelA 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 pelA. It may not necessarily be applicable to this product.

NCBI GI #	500799031
NCBI GeneID	5561839
NCBI Accession #	WP_011998289.1
UniProt Primary Accession #	A8A935
UniProt Related Accession #	A8A935
GenBank Nucleotide #	WP_011998289.1

NCBI Official Full Name	mRNA surveillance protein Pelota
NCBI Official Symbol	IGNI_RS01310
UniProt Protein Name	Protein pelota homolog
Protein Family	Pectate lyase
UniProt Gene Name	pelA
NCBI Protein Information	mRNA surveillance protein Pelota
UniProt Comments for pelA	May function in recognizing stalled ribosomes, interact with stem-loop structures in stalled mRNA molecules, and effect endonucleolytic cleavage of the mRNA. May play a role in the release non-functional ribosomes and degradation of damaged mRNAs. Has endoribonuclease activity.
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