Uncharacterized Protein Yjea (yjeA) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized protein YjeA (yjeA), Recombinant Protein
Full Product Name	Recombinant Photorhabdus luminescens subsp. laumondii Uncharacterized protein YjeA (yjeA)
Product Gene Name	yjeA recombinant protein
Product Synonym Gene Name	yjeA
Sequence	MSETANWQPS AAIANLLKRA TILAEIRRFF ADRGVLEVET PAMGQFTVTD IQLFSFQTEF VGPGAADGMT LYLMTSPEYH MKRLLAAGSG PIYQLGRCFR NEEAGRYHNP EFTMLEWYRP HYDMYRLMNE VDDLLQQILD CESAESLSYQ QAFLRYLDID PLSAEKEKLR EIAAKLDLSN IADIEEDRDT LLQLLFAVGV EPHIGTEKPT FIYHFPASQA SLAEISKEDH RVAERFEVYF KGVELANGFR ELTDSHEQCQ RFERDNRKRA ALGLPVRPID ENLIGALKQG MPECAGVALG VDRLVMLALG AEKLSDVMAF SITKA
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	36,754 Da
Sequence Positions	1-325, 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 Q7MZY6
Species	Photorhabdus luminescens subsp. laumondii (strain TT01)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yjeA recombinant protein	MBS1333617 is a recombinant protein targeting yjeA. Also known as Recombinant Photorhabdus luminescens subsp. laumondii Uncharacterized protein YjeA (yjeA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yjeA 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 yjeA. It may not necessarily be applicable to this product.

NCBI GI #	499461094
NCBI Accession #	WP_011148239.1
UniProt Primary Accession #	Q7MZY6
GenBank Nucleotide #	WP_011148239.1
NCBI Official Full Name	elongation factor P--(R)-beta-lysine ligase

UniProt Protein Name	Elongation factor P--(R)-beta-lysine ligase
UniProt Synonym Protein Names	EF-P post-translational modification enzyme A
UniProt Gene Name	epmA
UniProt Synonym Gene Names	EF-P--(R)-beta-lysine ligase
UniProt Comments for yjeA	With EpmB is involved in the beta-lysylation step of the post-translational modification of translation elongation factor P (EF-P). Catalyzes the ATP-dependent activation of (R)-beta-lysine produced by EpmB, forming a lysyl-adenylate, from which the beta-lysyl moiety is then transferred to the epsilon-amino group of a conserved specific lysine residue in EF-P.
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