Probable GTP-Binding Protein Engb (engB) Lawsonia Intracellularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable GTP-binding protein EngB (engB), Recombinant Protein
Full Product Name	Recombinant Lawsonia intracellularis Probable GTP-binding protein EngB (engB)
Product Gene Name	engB recombinant protein
Product Synonym Gene Name	engB
Sequence	MMTQYKLQLE ATNFTKQQLQ QQLDILEQNN ILQIALAGRS NVGKSSLINA LAGRKQLAKT SGTPGKTRSI NFYAVYPNTF MLVDLPGYGY AQCSKIERQH WAMLIEYYLK NCSKLKAFVL LIDCRIPPQK LDYELAEFAT SYCIPLIPVL TKIDKCKLVE QNKRQKEWRA LLNNTQPLLV SSKNMKGVQQ LWERIQYTID SY
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	23,289 Da
Sequence Positions	1-202, 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 Q1MSA1
Species	Lawsonia intracellularis (strain PHE/MN1-00)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for engB recombinant protein	MBS1356252 is a recombinant protein targeting engB. Also known as Recombinant Lawsonia intracellularis Probable GTP-binding protein EngB (engB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of engB 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 engB. It may not necessarily be applicable to this product.

NCBI GI #	499845417
NCBI Accession #	WP_011526151.1
UniProt Primary Accession #	Q1MSA1
GenBank Nucleotide #	WP_011526151.1
NCBI Official Full Name	GTP-binding protein
UniProt Protein Name	Probable GTP-binding protein EngB

Protein Family	Endoglucanase
UniProt Gene Name	engB
UniProt Comments for engB	Necessary for normal cell division and for the maintenance of normal septation.
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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