Universal Stress Protein B (uspB) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Universal stress protein B (uspB), Recombinant Protein
Full Product Name	Recombinant Photorhabdus luminescens subsp. laumondii Universal stress protein B (uspB)
Product Gene Name	uspB recombinant protein
Product Synonym Gene Name	uspB
Product Synonym Names	Recombinant Universal stress protein B (uspB); Universal stress protein B
Sequence	MFSTIALFWA LCLVCIINMM RYFSSLRALL SILRQSDPLL YQSVDGNGFF TTHGQLNKQI RLVNYINSQR YLDHHDPEVV LRCERLRKQF ILTSSLSGLV VICLISMLIW Y
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	12,975 Da
Sequence Positions	1-111
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 P59988
Species	Photorhabdus luminescens subsp. laumondii (strain TT01)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for uspB recombinant protein	MBS1021216 is a recombinant protein targeting uspB. Also known as Recombinant Photorhabdus luminescens subsp. laumondii Universal stress protein B (uspB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of uspB 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 uspB. It may not necessarily be applicable to this product.

NCBI GI #	37524146
NCBI Accession #	NP_927490.1
UniProt Primary Accession #	P59988
GenBank Nucleotide #	NC_005126.1
NCBI Official Full Name	universal stress protein UspB
UniProt Protein Name	Universal stress protein B

Protein Family	Universal stress protein
UniProt Gene Name	uspB
UniProt Entry Name	USPB_PHOLL
UniProt Comments for uspB	Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_01088. Sequence similarities: Belongs to the universal stress protein B family.
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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