Zinc Import ATP-Binding Protein Znuc (znuC) Pseudomonas Syringae Pv. Syringae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zinc import ATP-binding protein ZnuC (znuC), Recombinant Protein
Full Product Name	Recombinant Pseudomonas syringae pv. syringae Zinc import ATP-binding protein ZnuC (znuC)
Product Gene Name	znuC recombinant protein
Product Synonym Gene Name	znuC
Sequence	MSDALIRLDK VAVTLSGQNV LDDIQLSVKP GEIVTLIGPN GAGKTTLVRA VLGLLKPDSG TVWRKPKLRV GYMPQKLHVD QTLPLSVLRF LRLVPGVDRT AAASALEEVG AGKVIDSPIQ GISGGEMQRV LLARALLRKP ELLVLDEPVQ GVDVAGQAEL YSLITRLRDR HRCGVLMVSH DLHLVMSTTD QVVCLNRHVC CSGHPEQVSH DPAFVELFGK NAQSLAIYHH HHDHAHDLHG AVVNDAAPLS HTHVHGDSCK HG
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	28,352 Da
Sequence Positions	1-262, 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 Q4ZZS2
Species	Pseudomonas syringae pv. syringae (strain B728a)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for znuC recombinant protein	MBS1340195 is a recombinant protein targeting znuC. Also known as Recombinant Pseudomonas syringae pv. syringae Zinc import ATP-binding protein ZnuC (znuC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of znuC 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 znuC. It may not necessarily be applicable to this product.

NCBI GI #	499585510
NCBI GeneID	3365753
NCBI Accession #	WP_011266293.1
UniProt Primary Accession #	Q4ZZS2

UniProt Related Accession #	Q4ZZS2
GenBank Nucleotide #	WP_011266293.1
NCBI Official Full Name	zinc import ATP-binding protein ZnuC
NCBI Official Symbol	Psyr_0277
UniProt Protein Name	Zinc import ATP-binding protein ZnuC
Protein Family	High-affinity zinc uptake system ATP-binding protein
UniProt Gene Name	znuC
NCBI Protein Information	ABC transporter
UniProt Comments for znuC	Part of the ABC transporter complex ZnuABC involved in zinc import. Responsible for energy coupling to the transport system.
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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