Zinc Import ATP-Binding Protein Znuc (znuC) Shigella Sonnei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zinc import ATP-binding protein ZnuC (znuC), Recombinant Protein
Full Product Name	Recombinant Shigella sonnei Zinc import ATP-binding protein ZnuC (znuC)
Product Gene Name	znuC recombinant protein
Product Synonym Gene Name	znuC
Sequence	MTSLVSLENV SVSFGQRRVL SDVSLELKPG KILTLLGPNG AGKSTLVRVV LGLVTPDEGV IKRNGKLRIG YVPQKLYLDT TLPLTVNRFL RLRPGTHKED ILPALKRVQA GHLINAPMQK LSGGETQRVL LARALLNRPQ LLVLDEPTQG VDVNGQVALY DLIDQLRREL DCGVLMVSHD LHLVMAKTDE VLCLNHHICC SGTPEVVSLH PEFISMFGPR GAEQLGIYRH HHNHRHDLQG RIVLRRGNDR S
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	27,867 Da
Sequence Positions	1-251, Full length
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 Q3Z2L6
Species	Shigella sonnei (strain Ss046)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for znuC recombinant protein	MBS1337548 is a recombinant protein targeting znuC. Also known as Recombinant Shigella sonnei 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 #	446125141
NCBI Accession #	WP_000202996.1
UniProt Primary Accession #	Q3Z2L6
GenBank Nucleotide #	WP_000202996.1
NCBI Official Full Name	MULTISPECIES: Mn2+/Zn2+ABC transporter ATP-binding protein

UniProt Protein Name	Zinc import ATP-binding protein ZnuC
Protein Family	High-affinity zinc uptake system ATP-binding protein
UniProt Gene Name	znuC
UniProt Comments for znuC	Part of the ABC transporter complex ZnuABC involved in zinc import. Responsible for energy coupling to the transport system.
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