Prop Effector (proQ) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	ProP effector (proQ), Recombinant Protein
Full Product Name	Recombinant Escherichia coli ProP effector (proQ)
Product Gene Name	proQ recombinant protein
Sequence	MENQPKLNSS KEVIAFLAER FPHCFSAEGE ARPLKIGIFQ DLVDRVAGEM NLSKTQLRSA LRLYTSSWRY LYGVKPGATR VDLDGNPCGE LDEQHVEHAR KQLEEAKARV QAQRAEQQAK KREAAAAAGE KEDAPRRERK PRPTTPRRKE GAERKPRAQK PVEKAPKTVK APREEQHTPV SDISALTVGQ ALKVKAGQNA MDATVLEITK DGVRVQLNSG MSLIVRAEHL VF
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	25,862 Da
Sequence Positions	1-232, 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 B1J0Q7
Species	Escherichia coli (strain 8739 / DSM 1576 / Crooks)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for proQ recombinant protein	MBS1264525 is a recombinant protein targeting proQ. Also known as Recombinant Escherichia coli ProP effector (proQ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of proQ 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 proQ. It may not necessarily be applicable to this product.

NCBI GI #	446353515
NCBI Accession #	WP_000431370.1
UniProt Primary Accession #	B1J0Q7
GenBank Nucleotide #	WP_000431370.1
NCBI Official Full Name	MULTISPECIES: RNA chaperone ProQ
UniProt Protein Name	RNA chaperone ProQ

Protein Family	RNA chaperone
UniProt Gene Name	proQ
UniProt Comments for proQ	RNA chaperone with significant RNA binding, RNA strand exchange and RNA duplexing activities. May regulate ProP activity through an RNA-based, post-transcriptional mechanism.
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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