Prokaryotic Ubiquitin-Like Protein Pup (pup) Corynebacterium Glutamicum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Prokaryotic ubiquitin-like protein Pup (pup), Recombinant Protein
Full Product Name	Recombinant Corynebacterium glutamicum Prokaryotic ubiquitin-like protein Pup (pup)
Product Gene Name	pup recombinant protein
Product Synonym Gene Name	pup
Sequence	MNAKQTQIMG GGGRDEDNAE DSAQASGQVQ INTEGVDSLL DEIDGLLENN AEEFVRSYVQ KGGE
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	6,830 Da
Sequence Positions	1-64, 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 Q8NQE0
Species	Corynebacterium glutamicum (strain 13032 / DSM 20300 / JCM 1318 / LMG 3730 / NCIMB 10025)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pup recombinant protein	MBS1479076 is a recombinant protein targeting pup. Also known as Recombinant Corynebacterium glutamicum Prokaryotic ubiquitin-like protein Pup (pup). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pup 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 pup. It may not necessarily be applicable to this product.

NCBI GI #	19552709
NCBI GeneID	1019468
NCBI Accession #	NP_600711.1
UniProt Primary Accession #	Q8NQE0
UniProt Secondary Accession #	Q6M589
UniProt Related Accession #	Q8NQE0

GenBank Nucleotide #	NC_003450.3
NCBI Official Full Name	hypothetical protein NCgl1438
NCBI Official Symbol	NCgl1438
NCBI Official Synonym Symbols	Cgl1495
UniProt Protein Name	Prokaryotic ubiquitin-like protein Pup
UniProt Synonym Protein Names	Bacterial ubiquitin-like modifier
Protein Family	Prokaryotic ubiquitin-like protein
UniProt Gene Name	pup
NCBI Protein Information	hypothetical protein
UniProt Comments for pup	Protein modifier that is covalently attached to lysine residues of substrate proteins, thereby targeting them for proteasomal degradation. The tagging system is termed pupylation.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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