Urease Accessory Protein Ureg 2 (ureG2) Saccharopolyspora Erythraea Recombinant Protein

PRODUCT OVERVIEW

Product Name	Urease accessory protein UreG 2 (ureG2), Recombinant Protein
Full Product Name	Recombinant Saccharopolyspora erythraea Urease accessory protein UreG 2 (ureG2)
Product Gene Name	ureG2 recombinant protein
Sequence	MEASVHIGNS VPHAHLHSAA PARPADPVRP DGSRRALRIG LGGPVGSGKT ATVAALCRAL RDRLSIAVVT NDIYTREDAD FLLRHAILPA ERILAVETGA CPHTAIRDDI SANLEAVEQL EATVGPLDLI LVESGGDNLT ATFSKGLVDA QIFVIDVAGG DDIPRKGGPG ITTADLLVIN KTDLAPHVGS DLQAMAADAK RQRGERPVAF TSLTADNGVG PVADWVGARL TAWTAA
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	24,518 Da
Sequence Positions	1-236, 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 A4FCP1
Species	Saccharopolyspora erythraea (strain NRRL 23338)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ureG2 recombinant protein	MBS1127635 is a recombinant protein targeting ureG2. Also known as Recombinant Saccharopolyspora erythraea Urease accessory protein UreG 2 (ureG2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ureG2 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 ureG2. It may not necessarily be applicable to this product.

NCBI GI #	205830766
NCBI Accession #	A4FCP1.1
UniProt Primary Accession #	A4FCP1
NCBI Official Full Name	Urease accessory protein UreG 2
UniProt Protein Name	Urease accessory protein UreG 2

Protein Family	Urease accessory protein
UniProt Gene Name	ureG2
UniProt Comments for ureG2	Facilitates the functional incorporation of the urease nickel metallocenter. This process requires GTP hydrolysis, probably effectuated by UreG.
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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