Ureidoglycolate Hydrolase (allA) Pseudomonas Putida Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ureidoglycolate hydrolase (allA), Recombinant Protein
Full Product Name	Recombinant Pseudomonas putida Ureidoglycolate hydrolase (allA)
Product Gene Name	allA recombinant protein
Sequence	MRTLMIEPLT KEAFAPFGDV IETDGSDHFM INNGSTMRFH KLATVETAEP EDKAIISIFR ADALDMPLTV RMLERHPLGS QAFIPLLGNP FLIVVAPVGD APVSGLVRAF RSNGRQGVNY HRGVWHHPVL TIEKRDDFLV VDRSGSGNNC DEHYFTEEQM LILNPHQ
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	18,722 Da
Sequence Positions	1-167, 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 B1JC20
Species	Pseudomonas putida (strain W619)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for allA recombinant protein	MBS1237071 is a recombinant protein targeting allA. Also known as Recombinant Pseudomonas putida Ureidoglycolate hydrolase (allA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of allA 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 allA. It may not necessarily be applicable to this product.

NCBI GI #	501272428
NCBI Accession #	WP_012315446.1
UniProt Primary Accession #	B1JC20
GenBank Nucleotide #	WP_012315446.1
NCBI Official Full Name	MULTISPECIES: ureidoglycolate lyase
UniProt Protein Name	Ureidoglycolate lyase
UniProt Synonym Protein Names	Ureidoglycolatase

Protein Family	Mite group 2 allergen
UniProt Gene Name	allA
UniProt Comments for allA	Catalyzes the catabolism of the allantoin degradation intermediate (S)-ureidoglycolate, generating urea and glyoxylate. Involved in the utilization of allantoin as nitrogen source.
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