Urease Accessory Protein Uree (ureE) Rhizobium Leguminosarum Bv. Viciae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Urease accessory protein UreE (ureE), Recombinant Protein
Full Product Name	Recombinant Rhizobium leguminosarum bv. viciae Urease accessory protein UreE (ureE)
Product Gene Name	ureE recombinant protein
Product Synonym Gene Name	ureE
Sequence	MQRVTSYLPA GTPSSHPIAQ VKLPHDLRHL RRKLLHLENG EMVMLDLKDP VLFANGDLLV RDDGELIEIL AADEKLFEIR GRDRTHLVEL AWHLGNRHLA AQIEEDRIVI LRDHVIRAML QGLGAVVLEI DEPFQPARGA YHSPGGHSHG HDHDHNHDHG HDHAHDHNHG HDHDHEHGYE HEHEHRHDRG HDHDHKHD
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	22,814 Da
Sequence Positions	1-198, 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 Q1MCW2
Species	Rhizobium leguminosarum bv. viciae (strain 3841)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ureE recombinant protein	MBS1285631 is a recombinant protein targeting ureE. Also known as Recombinant Rhizobium leguminosarum bv. viciae Urease accessory protein UreE (ureE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ureE 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 ureE. It may not necessarily be applicable to this product.

NCBI GI #	499972464
NCBI Accession #	WP_011653182.1
UniProt Primary Accession #	Q1MCW2
GenBank Nucleotide #	WP_011653182.1
NCBI Official Full Name	urease accessory protein UreE

UniProt Protein Name	Urease accessory protein UreE
Protein Family	Urease accessory protein
UniProt Gene Name	ureE
UniProt Comments for ureE	Involved in urease metallocenter assembly. Binds nickel. Probably functions as a nickel donor during metallocenter assembly.
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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