Urease Accessory Protein Ured (ureD) Rhizobium Leguminosarum Bv. Viciae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Urease accessory protein UreD (ureD), Recombinant Protein
Full Product Name	Recombinant Rhizobium leguminosarum bv. viciae Urease accessory protein UreD (ureD)
Product Gene Name	ureD recombinant protein
Product Synonym Gene Name	ureD
Sequence	MTTVAASTRP QRAEGRGHLA AKLFDGRTRI RELYQEGAAK IRLPDTFDAS MEAVIINTAG GLTGGDRMDW SVDAGAGTRI DVTTQACEKI YKASAGTAEV TTSIEVGAQA RVDWLPQETI LFDRAALSRR LDVDLDEDSE FLAVEAVLLG RKAMGETVET GLFRDRWRIR RSGRLIHAEE LRLSDGVAAL AARQAVLGGQ VAFATLLYAG PLSEAYLGKV RPLVEGSMGG ASAWDGKLVV RLAAADGFSL RKILIPVISA LRNGAPVPKV WNL
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	29,317 Da
Sequence Positions	1-273, 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 Q8RPY8
Species	Rhizobium leguminosarum bv. viciae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ureD recombinant protein	MBS1356583 is a recombinant protein targeting ureD. Also known as Recombinant Rhizobium leguminosarum bv. viciae Urease accessory protein UreD (ureD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ureD 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 ureD. It may not necessarily be applicable to this product.

NCBI GI #	517341525
NCBI Accession #	WP_018517017.1
UniProt Primary Accession #	Q8RPY8
GenBank Nucleotide #	WP_018517017.1

NCBI Official Full Name	urease accessory protein
UniProt Protein Name	Urease accessory protein UreD
Protein Family	Putative urease accessory protein
UniProt Gene Name	ureD
UniProt Comments for ureD	Required for maturation of urease via the functional incorporation of the urease nickel metallocenter.
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