Urease Accessory Protein Uref 2 (ureF2) Brucella Abortus Biovar 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Urease accessory protein UreF 2 (ureF2), Recombinant Protein
Full Product Name	Recombinant Brucella abortus biovar 1 Urease accessory protein UreF 2 (ureF2)
Product Gene Name	ureF2 recombinant protein
Product Synonym Gene Name	ureF2
Sequence	MTMRTATITE FSSSYRSLPG LLHLLQFGDS ALPIGGFSFS NGLESAIQQN LVHDKETLRE FTLTAMNQAA TSDGIALLTA HRAARADDRG ALQVIDKAVF ERKLNEETRL MTVRMGRKLC ELSASIIDDR LNRDWLECIK TAETPGTHPV SLGLAFAALD VDGRDAFGAQ QYGVATTILG AALRLMRVSF MDTQKILLEA TSTVAPAYEE IADAGIEDMA SFAPMVDILA AVHVKGHVRM FMN
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	26,465 Da
Sequence Positions	1-243, Full length
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 Q57CE6
Species	Brucella abortus biovar 1 (strain 9-941)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ureF2 recombinant protein	MBS1279140 is a recombinant protein targeting ureF2. Also known as Recombinant Brucella abortus biovar 1 Urease accessory protein UreF 2 (ureF2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ureF2 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 ureF2. It may not necessarily be applicable to this product.

NCBI GI #	489056753
NCBI Accession #	WP_002966883.1
UniProt Primary Accession #	Q57CE6
GenBank Nucleotide #	WP_002966883.1
NCBI Official Full Name	MULTISPECIES: Urease accessory protein UreF 2

UniProt Protein Name	Urease accessory protein UreF 2
Protein Family	Urease accessory protein
UniProt Gene Name	ureF2
UniProt Comments for ureF2	Required for maturation of urease via the functional incorporation of the urease nickel metallocenter.
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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