Urease Subunit Alpha 2 (ureC2) Brucella Suis Biovar 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Urease subunit alpha 2 (ureC2), Recombinant Protein
Full Product Name	Recombinant Brucella suis biovar 1 Urease subunit alpha 2 (ureC2), partial
Product Gene Name	ureC2 recombinant protein
Product Synonym Gene Name	ureC2
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	60,720 Da
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 Q8FZW2
Species	Brucella suis biovar 1 (strain 1330)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ureC2 recombinant protein	MBS1311164 is a recombinant protein targeting ureC2. Also known as Recombinant Brucella suis biovar 1 Urease subunit alpha 2 (ureC2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ureC2 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 ureC2. It may not necessarily be applicable to this product.

NCBI GI #	490828868
NCBI Accession #	WP_004690958.1
UniProt Primary Accession #	Q8FZW2
UniProt Secondary Accession #	G0KB43
GenBank Nucleotide #	WP_004690958.1
NCBI Official Full Name	MULTISPECIES: urease subunit alpha 2
UniProt Protein Name	Urease subunit alpha 2
UniProt Synonym Protein Names	Urea amidohydrolase subunit alpha 2
Protein Family	Urease

UniProt Gene Name	ureC2
UniProt Comments for ureC2	Disrupting the ure2 operon has no effect on urease activity, or pathogen survival in BALB/c mice when innoculated by gavage, but confers slightly enhanced resistance to low pH killing in vitro.
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