L-Arabinose Isomerase (araA) Recombinant Protein

PRODUCT OVERVIEW

Product Name	L-arabinose isomerase (araA), Recombinant Protein
Full Product Name	Recombinant Clavibacter michiganensis subsp. sepedonicus L-arabinose isomerase (araA), partial
Product Gene Name	araA recombinant protein
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	55,615 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 B0RIE3
Species	Clavibacter michiganensis subsp. sepedonicus (strain 33113 / JCM 9667)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for araA recombinant protein	MBS1264544 is a recombinant protein targeting araA. Also known as Recombinant Clavibacter michiganensis subsp. sepedonicus L-arabinose isomerase (araA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of araA 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 araA. It may not necessarily be applicable to this product.

NCBI GI #	501254597
NCBI Accession #	WP_012297615.1
UniProt Primary Accession #	B0RIE3
GenBank Nucleotide #	WP_012297615.1
NCBI Official Full Name	L-arabinose isomerase
UniProt Protein Name	L-arabinose isomerase
Protein Family	L-arabinose 1-dehydrogenase
UniProt Gene Name	araA
UniProt Comments for araA	Catalyzes the conversion of L-arabinose to L-ribulose.

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