UDP-Glucose 4-Epimerase (exoB) Azospirillum Brasilense Recombinant Protein

PRODUCT OVERVIEW

Product Name	UDP-glucose 4-epimerase (exoB), Recombinant Protein
Full Product Name	Recombinant Azospirillum brasilense UDP-glucose 4-epimerase (exoB)
Product Gene Name	exoB recombinant protein
Product Synonym Gene Name	exoB
Sequence	MTDQTAASPR VLVTGGAGYI GSHVLHALTD AGIPAVTIDD LSAGRREAIP AAVPLVEGDI GSAELLDRVM RDHRVDAVMH FAGSIVVPES VVKPLDYYRN NTANSLTLLG ACLRAGIDKV VFSSTAAVYG APESVPIRED APTVPINPYG ASKLMTEQML RDAGAAHGLR SVILRYFNVA GADPAGRTGQ ATPVATHLIK VACQALLGRR PPLAIFGTDY DTPDGTCIRD YIHVSDLADA HVLALLHLRR GGGSLLMNCG YGRGASVREV VRTLEEVSGE QVPATFADRR PGDPPQLVAG ADRIREQLGW VPKHDRLDGI VRSALSWERS LEQSVGQAGA PGGSASRS
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	36,701 Da
Sequence Positions	1-348, 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 Q59083
Species	Azospirillum brasilense
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for exoB recombinant protein	MBS1341153 is a recombinant protein targeting exoB. Also known as Recombinant Azospirillum brasilense UDP-glucose 4-epimerase (exoB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of exoB 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 exoB. It may not necessarily be applicable to this product.

NCBI GI #	980981266
NCBI Accession #	WP_059399823.1
UniProt Primary Accession #	Q59083
GenBank Nucleotide #	WP_059399823.1
NCBI Official Full Name	UDP-glucose 4-epimerase

UniProt Protein Name	UDP-glucose 4-epimerase
UniProt Synonym Protein Names	Galactowaldenase; UDP-galactose 4-epimerase
Protein Family	UDP-glucose 4-epimerase
UniProt Gene Name	exoB
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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