D-Xylulose Reductase (XDH) Morganella Morganii Recombinant Protein

PRODUCT OVERVIEW

Product Name	D-xylulose reductase (XDH), Recombinant Protein
Full Product Name	Recombinant Morganella morganii D-xylulose reductase
Product Gene Name	XDH recombinant protein
Sequence	MIMKALVLEK AGKIAIQDWQ SNEVLGDDDV EIKIHTVGIC GSDVHYYQHG RIGPFVVDEP MVLGHEASGV ITAAGKNVKH LKVGDRVCME PGIPDLQSPQ SRAGIYNLDP AVRFWATPPI DGCLRESVIH PAAFTFKLPD NVSFAQGAMV EPLAIGMQSA TKAGIKPGDI GLVIGAGTIG IITQSALAGG CSDVIICDVF DEKLKVAEKY QGLHAVNSKD QQALADKVRE LTGGEGVNVL FECSGAKPVI ASISDHIAPG GTAVLVGMPI DPAPLDIVAA QAKEVTFKTI LRYANMYPRT IRLLSSGKLN VAPLLSATYK FKDSVEAYER AAEPVRLM
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	35,952 Da
Sequence Positions	1-338, 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 Q59545
Species	Morganella morganii (Proteus morganii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for XDH recombinant protein	MBS1367719 is a recombinant protein targeting XDH. Also known as Recombinant Morganella morganii D-xylulose reductase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of XDH 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 XDH. It may not necessarily be applicable to this product.

NCBI GI #	33112473
NCBI Accession #	Q59545.1
UniProt Primary Accession #	Q59545
NCBI Official Full Name	D-xylulose reductase
UniProt Protein Name	D-xylulose reductase
UniProt Synonym Protein Names	Xylitol dehydrogenase; XDH

Protein Family	D-xylose dehydrogenase
UniProt Gene Name	XDH
UniProt Synonym Gene Names	XDH
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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