Inositol Oxygenase (MIOX) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Inositol oxygenase (MIOX), Recombinant Protein
Full Product Name	Recombinant Bovine Inositol oxygenase (MIOX)
Product Gene Name	MIOX recombinant protein
Sequence	MKVAADPDPS LVSQRDMEPE AAKDKDSFRN YTSGPLLDRV FATYKLMHTW QTVDFVRRKH AQFGGFSYKR MTVMEAVDML DGLVDESDPD VDFPNSFHAF QTAEGIRKAH PDKDWFHLVG LLHDLGKVLA LAGEPQWAVV GDTFPVGCRP QASVVFRDCT FQDNPDLQDP LYSTELGMYQ PHCGLENVLM SWGHDEYMYR MMKFNKFALP PEAFYIIRFH SFYPWHKFGD YQQLCNEQDL AMLPWVQEFN KFDLYTKSSS LPDVAALRPY YQGLVDKYCP GILCW
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	32,973 Da
Sequence Positions	1-285, 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 A7MBE4
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MIOX recombinant protein	MBS1217829 is a recombinant protein targeting MIOX. Also known as Recombinant Bovine Inositol oxygenase (MIOX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MIOX 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 MIOX. It may not necessarily be applicable to this product.

NCBI GI #	155371861
NCBI GeneID	508591
NCBI Accession #	NP_001094535.1
UniProt Primary Accession #	A7MBE4
UniProt Related Accession #	A7MBE4
GenBank Nucleotide #	NM_001101065.1

NCBI Official Full Name	inositol oxygenase
NCBI Official Symbol	MIOX
UniProt Protein Name	Inositol oxygenase
UniProt Synonym Protein Names	Myo-inositol oxygenase; MI oxygenase
Protein Family	Inositol oxygenase
UniProt Gene Name	MIOX
UniProt Synonym Gene Names	MI oxygenase
NCBI Protein Information	inositol oxygenase
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