Primary Amine Oxidase (Maoa), Partial (maoA) Klebsiella Oxytoca Recombinant Protein

PRODUCT OVERVIEW

Product Name	Primary amine oxidase (maoA), partial, Recombinant Protein
Full Product Name	Recombinant Klebsiella oxytoca Primary amine oxidase (maoA), partial
Product Gene Name	maoA recombinant protein
Product Synonym Gene Name	maoA; tynA; KOX_19410
Product Synonym Names	Primary amine oxidase; EC=1.4.3.21; Monamine oxidase; Tyramine oxidase
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	83,624 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 P80695
Species	Klebsiella oxytoca (strain 8724 / DSM 4798 / JCM 20051 / NBRC 3318 / NRRL B-199 / KCTC 1686)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for maoA recombinant protein	MBS1248633 is a recombinant protein targeting maoA. Also known as Recombinant Klebsiella oxytoca Primary amine oxidase (maoA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of maoA 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 maoA. It may not necessarily be applicable to this product.

NCBI GI #	375260673
NCBI GeneID	11661964
NCBI Accession #	YP_005019843.1
UniProt Primary Accession #	P80695
UniProt Secondary Accession #	G8WBD9
UniProt Related Accession #	P80695
GenBank Nucleotide #	NC_016612.1
NCBI Official Full Name	tyramine oxidase

NCBI Official Symbol	tynA
UniProt Protein Name	Primary amine oxidase
UniProt Synonym Protein Names	Monamine oxidase; Tyramine oxidase
Protein Family	Amine oxidase
UniProt Gene Name	maoA
UniProt Synonym Gene Names	tynA
UniProt Entry Name	AMO_KLEOK
NCBI Protein Information	tyramine oxidase
UniProt Comments for maoA	Active on tyramine, tryptamine, beta-phenethylamine and dopamine.
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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