Choline Oxidase Recombinant Protein

PRODUCT OVERVIEW

Product Name	Choline oxidase, Recombinant Protein
Full Product Name	Recombinant Choline oxidase
Product Synonym Names	Recombinant Choline oxidase; Choline oxidase EC= 1.1.3.17
Sequence	DNPNHSR
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	839 Da
Sequence Positions	1-7aa; 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 P16101
Species	Alcaligenes sp.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Choline oxidase recombinant protein	MBS1121939 is a recombinant protein targeting Choline oxidase. Also known as Recombinant Choline oxidase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Choline oxidase 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 Choline oxidase. It may not necessarily be applicable to this product.

NCBI GI #	116367
NCBI Accession #	P16101.1
UniProt Primary Accession #	P16101
NCBI Official Full Name	Choline oxidase
UniProt Protein Name	Choline oxidase
Protein Family	Choline oxidase
UniProt Entry Name	CHOX_ALCSP

UniProt Comments for Choline oxidase	Catalytic activity: Choline + 2 O2 + H2O = betaine + 2 H2O2. Pathway: Amine and polyamine biosynthesis; betaine biosynthesis via choline pathway; betaine from choline: step 1/1.
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