Acyl-Coenzyme A Oxidase, Peroxisomal (Acx), Partial (ACX) Cucurbita Maxima Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acyl-coenzyme A oxidase, peroxisomal (Acx), partial, Recombinant Protein
Full Product Name	Recombinant Cucurbita maxima Acyl-coenzyme A oxidase, peroxisomal (Acx), partial
Product Gene Name	Acx recombinant protein
Product Synonym Names	Acyl-coenzyme A oxidase, peroxisomal; AOX; EC=1.3.3.6; Long-chain acyl-CoA 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	77,319 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 O64894
Species	Cucurbita maxima (Pumpkin) (Winter squash)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Acx recombinant protein	MBS1260929 is a recombinant protein targeting Acx. Also known as Recombinant Cucurbita maxima Acyl-coenzyme A oxidase, peroxisomal (Acx), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Acx 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 Acx. It may not necessarily be applicable to this product.

NCBI GI #	62286587
NCBI Accession #	O64894.1
UniProt Primary Accession #	O64894
NCBI Official Full Name	Acyl-coenzyme A oxidase, peroxisomal
UniProt Protein Name	Acyl-coenzyme A oxidase, peroxisomal
UniProt Synonym Protein Names	Long-chain acyl-CoA oxidase
Protein Family	Acyl-coenzyme A oxidase
UniProt Gene Name	Acx

UniProt Synonym Gene Names	AOX
UniProt Entry Name	ACOX2_CUCMA
UniProt Comments for Acx	Catalyzes the desaturation of long-chain acyl-CoAs to 2-trans-enoyl-CoAs.
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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