Acyl-Coenzyme A Oxidase (POX1), Partial (POX1) Kluyveromyces Lactis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acyl-coenzyme A oxidase (POX1), partial, Recombinant Protein
Full Product Name	Recombinant Kluyveromyces lactis Acyl-coenzyme A oxidase (POX1), partial
Product Gene Name	POX1 recombinant protein
Product Synonym Gene Name	POX1; KLLA0F09933g
Product Synonym Names	Acyl-coenzyme A oxidase; Acyl-CoA oxidase; EC=1.3.3.6
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	83,144 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 Q6CKK7
Species	Kluyveromyces lactis (strain 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) (Candida sphaerica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for POX1 recombinant protein	MBS1338480 is a recombinant protein targeting POX1. Also known as Recombinant Kluyveromyces lactis Acyl-coenzyme A oxidase (POX1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of POX1 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 POX1. It may not necessarily be applicable to this product.

NCBI GI #	50311017
NCBI GeneID	2895011
NCBI Accession #	XP_455532.1
UniProt Primary Accession #	Q6CKK7
UniProt Related Accession #	Q6CKK7
GenBank Nucleotide #	XM_455532.1
NCBI Official Full Name	hypothetical protein

NCBI Official Symbol	KLLA0F09933g
UniProt Protein Name	Acyl-coenzyme A oxidase
Protein Family	Acyl-coenzyme A oxidase
UniProt Gene Name	POX1
UniProt Synonym Gene Names	Acyl-CoA oxidase
UniProt Entry Name	ACOX_KLULA
NCBI Protein Information	hypothetical protein
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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