D-Arabinono-1,4-Lactone Oxidase (ALO1), Partial (ALO1) Ashbya Gossypii Recombinant Protein

PRODUCT OVERVIEW

Product Name	D-arabinono-1,4-lactone oxidase (ALO1), partial, Recombinant Protein
Full Product Name	Recombinant Ashbya gossypii D-arabinono-1,4-lactone oxidase (ALO1), partial
Product Gene Name	ALO1 recombinant protein
Product Synonym Gene Name	ALO1; AFR440C
Product Synonym Names	D-arabinono-1,4-lactone oxidase; ALO; EC=1.1.3.37; L-galactono-gamma-lactone 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	59,965 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 Q752Y3
Species	Ashbya gossypii (strain 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (Eremothecium gossypii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ALO1 recombinant protein	MBS1342815 is a recombinant protein targeting ALO1. Also known as Recombinant Ashbya gossypii D-arabinono-1,4-lactone oxidase (ALO1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ALO1 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 ALO1. It may not necessarily be applicable to this product.

NCBI GI #	45198958
NCBI GeneID	4622264
NCBI Accession #	NP_985987.1
UniProt Primary Accession #	Q752Y3
UniProt Related Accession #	Q752Y3
GenBank Nucleotide #	NM_211342.1
NCBI Official Full Name	AFR440Cp

NCBI Official Symbol	AGOS_AFR440C
UniProt Protein Name	D-arabinono-1,4-lactone oxidase
UniProt Synonym Protein Names	L-galactono-gamma-lactone oxidase
Protein Family	D-arabinono-1,4-lactone oxidase
UniProt Gene Name	ALO1
UniProt Synonym Gene Names	ALO
UniProt Entry Name	ALO_ASHGO
NCBI Protein Information	AFR440Cp
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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