Putative Aldehyde Dehydrogenase Alda (aldA) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative aldehyde dehydrogenase AldA (aldA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Putative aldehyde dehydrogenase AldA (aldA)
Product Gene Name	aldA recombinant protein
Product Synonym Gene Name	aldA
Sequence	MAVNVRDYIA ENYGLFINGE FVKGSSDETI EVTNPATGET LSHITRAKDK DVDHAVKVAQ EAFESWSLTS KSERAQMLRD IGDKLMAQKD KIAMIETLNN GKPIRETTAI DIPFAARHFH YFASVIETEE GTVNDIDKDT MSIVRHEPIG VVGAVVAWNF PMLLAAWKIA PAIAAGNTIV IQPSSSTPLS LLEVAKIFQE VLPKGVVNIL TGKGSESGNA IFNHDGVDKL SFTGSTDVGY QVAEAAAKHL VPATLELGGK SANIILDDAN LDLAVEGIQL GILFNQGEVC SAGSRLLVHE KIYDQLVPRL QEAFSNIKVG NPQDEATQMG SQTGKDQLDK IQSYIDAAKE SDAQILAGGH RLTENGLDKG FFFEPTLIAV PDNHHKLAQE EIFGPVLTVI KVKDDQEAID IANDSEYGLA GGVFSQNITR ALNIAKAVRT GRIWINTYNQ VPEGAPFGGY KKSGIGRETY KGALSNYQQV KNIYIDTSNA LKGLY
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	53,659 Da
Sequence Positions	1-495, 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 Q2FK94
Species	Staphylococcus aureus (strain USA300)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for aldA recombinant protein	MBS1319390 is a recombinant protein targeting aldA. Also known as Recombinant Staphylococcus aureus Putative aldehyde dehydrogenase AldA (aldA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of aldA 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 aldA. It may not necessarily be applicable to this product.

NCBI GI #	123487558
NCBI Accession #	Q2FK94.1
UniProt Primary Accession #	Q2FK94

NCBI Official Full Name	Putative aldehyde dehydrogenase AldA
UniProt Protein Name	Putative aldehyde dehydrogenase AldA
Protein Family	Putative aldehyde dehydrogenase
UniProt Gene Name	aldA
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