1-Pyrroline-5-Carboxylate Dehydrogenase (rocA) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	1-pyrroline-5-carboxylate dehydrogenase (rocA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus 1-pyrroline-5-carboxylate dehydrogenase (rocA), partial
Product Gene Name	rocA recombinant protein
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	56,868 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 A8Z3F5
Species	Staphylococcus aureus (strain USA300 / TCH1516)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rocA recombinant protein	MBS1215814 is a recombinant protein targeting rocA. Also known as Recombinant Staphylococcus aureus 1-pyrroline-5-carboxylate dehydrogenase (rocA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rocA 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 rocA. It may not necessarily be applicable to this product.

NCBI GI #	446181837
NCBI Accession #	WP_000259692.1
UniProt Primary Accession #	A8Z3F5
GenBank Nucleotide #	WP_000259692.1
NCBI Official Full Name	MULTISPECIES: L-glutamate gamma-semialdehyde dehydrogenase
UniProt Protein Name	1-pyrroline-5-carboxylate dehydrogenase
UniProt Synonym Protein Names	L-glutamate gamma-semialdehyde dehydrogenase
Protein Family	1-pyrroline-5-carboxylate dehydrogenase
UniProt Gene Name	rocA

UniProt Synonym Gene Names	P5C dehydrogenase
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