Glutamate-1-Semialdehyde 2,1-Aminomutase 1 (hemL1) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutamate-1-semialdehyde 2,1-aminomutase 1 (hemL1), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Glutamate-1-semialdehyde 2,1-aminomutase 1 (hemL1)
Product Gene Name	hemL1 recombinant protein
Sequence	MRYTKSEEAM KVAETLMPGG VNSPVRAFKS VDTPAIFMDH GKGSKIYDID GNEYIDYVLS WGPLILGHRD PQVISHLHEA IDKGTSFGAS TLLENKLAQL VIDRVPSIEK VRMVSSGTEA TLDTLRLARG YTGRNKIVKF EGCYHGHSDS LLIKAGSGVA TLGLPDSPGV PEGIAKNTIT VPYNDLDALK IAFEKFGDDI AGVIVEPVAG NMGVVPPIEG FLQGLRDITT EYGALLIFDE VMTGFRVGYH CAQGYFGVTP DLTCLGKVIG GGLPVGAFGG KKEIMDHIAP LGNIYQAGTL SGNPLAMTSG YETLSQLTPE TYEYFNMLGD ILEDGLKRVF AKHNVPITVN RAGSMIGYFL NEGPVTNFEQ ANKSDLKLFA EMYREMAKEG VFLPPSQFEG TFLSTAHTKE DIEKTIQAFD TALSRIVK
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	46,389 Da
Sequence Positions	1-428, 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 P99096
Species	Staphylococcus aureus (strain N315)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hemL1 recombinant protein	MBS1237942 is a recombinant protein targeting hemL1. Also known as Recombinant Staphylococcus aureus Glutamate-1-semialdehyde 2,1-aminomutase 1 (hemL1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hemL1 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 hemL1. It may not necessarily be applicable to this product.

NCBI GI #	447193609
NCBI Accession #	WP_001270865.1
UniProt Primary Accession #	P99096
UniProt Secondary Accession #	Q99TJ4

GenBank Nucleotide #	WP_001270865.1
NCBI Official Full Name	MULTISPECIES: glutamate-1-semialdehyde 2,1-aminomutase
UniProt Protein Name	Glutamate-1-semialdehyde 2,1-aminomutase 1
UniProt Synonym Protein Names	Glutamate-1-semialdehyde aminotransferase 1
Protein Family	Glutamate-1-semialdehyde 2,1-aminomutase
UniProt Gene Name	hemL1
UniProt Synonym Gene Names	GSA 1; GSA-AT 1
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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