Adenylosuccinate Lyase (purB) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenylosuccinate lyase (purB), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Adenylosuccinate lyase (purB)
Product Gene Name	purB recombinant protein
Product Synonym Gene Name	purB
Sequence	MIERYSREEM SNIWTDQNRY EAWLEVEILA CEAWSELGHI PKADVQKIRQ NAKVNVERAQ EIEQETRHDV VAFTRQVSET LGEERKWVHY GLTSTDVVDT ALSFVIKQAN DIIEKDLERF IDVLAEKAKN YKYTLMMGRT HGVHAEPTTF GVKMALWYTE MQRNLQRFKQ VREEIEVGKM SGAVGTFANI PPEIESYVCK HLGIGTAPVS TQTLQRDRHA YYIATLALIA TSLEKFAVEI RNLQKTETRE VEEAFAKGQK GSSAMPHKRN PIGSENITGI SRVIRGYITT AYENVPLWHE RDISHSSAER IMLPDVTIAL DYALNRFTNI VDRLTVFEDN MRNNIDKTFG LIFSQRVLLA LINKGMVREE AYDKVQPKAM ISWETKTPFR ELIEQDESIT SVLTKEELDE CFDPKHHLNQ VDTIFERAGL A
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	49,603 Da
Sequence Positions	1-431, 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 Q5HEL4
Species	Staphylococcus aureus (strain COL)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for purB recombinant protein	MBS1403112 is a recombinant protein targeting purB. Also known as Recombinant Staphylococcus aureus Adenylosuccinate lyase (purB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of purB 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 purB. It may not necessarily be applicable to this product.

NCBI GI #	446495024
NCBI Accession #	WP_000572878.1
UniProt Primary Accession #	Q5HEL4
GenBank Nucleotide #	WP_000572878.1

NCBI Official Full Name	MULTISPECIES: adenylosuccinate lyase
UniProt Protein Name	Adenylosuccinate lyase
UniProt Synonym Protein Names	Adenylosuccinase; ASase
Protein Family	Transcriptional activator protein
UniProt Gene Name	purB
UniProt Synonym Gene Names	ASL; ASase
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