Ethanolamine Utilization Protein Eute (eutE) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ethanolamine utilization protein eutE (eutE), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Ethanolamine utilization protein eutE (eutE)
Product Gene Name	eutE recombinant protein
Sequence	MNQQDIEQVV KAVLLKMQSS DTPSAAVHEM GVFASLDDAV AAAKVAQQGL KSVAMRQLAI AAIREAGEKH ARDLAELAVS ETGMGRVEDK FAKNVAQARG TPGVECLSPQ VLTGDNGLTL IENAPWGVVA SVTPSTNPAA TVINNAISLI AAGNSVIFAP HPAAKKVSQR AITLLNQAIV AAGGPENLLV TVANPDIETA QRLFKFPGIG LLVVTGGEAV VEAARKHTNK RLIAAGAGNP PVVVDETADL ARAAQSIVKG ASFDNNIICA DEKVLIVVDS VADELMRLME GQHAVKLTAE QAQQLQPVLL KNIDERGKGT VSRDWVGRDA GKIAAAIGLK VPQETRLLFV ETTAEHPFAV TELMMPVLPV VRVANVADAI ALAVKLEGGC HHTAAMHSRN IENMNQMANA IDTSIFVKNG PCIAGLGLGG EGWTTMTITT PTGEGVTSAR TFVRLRRCVL VDAFRIV
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	49,022 Da
Sequence Positions	1-467, 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 P77445
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eutE recombinant protein	MBS1261480 is a recombinant protein targeting eutE. Also known as Recombinant Escherichia coli Ethanolamine utilization protein eutE (eutE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eutE 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 eutE. It may not necessarily be applicable to this product.

NCBI GI #	16130380
NCBI GeneID	946943
NCBI Accession #	NP_416950.1
UniProt Primary Accession #	P77445
GenBank Nucleotide #	NC_000913.3

NCBI Official Full Name	aldehyde oxidoreductase, ethanolamine utilization protein
NCBI Official Symbol	eutE
NCBI Official Synonym Symbols	ECK2450; JW2439; yffX
UniProt Protein Name	Ethanolamine utilization protein EutE
Protein Family	Ethanolamine utilization protein
UniProt Gene Name	eutE
UniProt Synonym Gene Names	yffX
NCBI Protein Information	aldehyde oxidoreductase, ethanolamine utilization protein
NCBI Summary for eutE	eutE has been characterized in Salmonella. [More information is available at EcoGene: EG14185].
UniProt Comments for eutE	May act as an acetaldehyde dehydrogenase that converts acetaldehyde into acetyl-CoA.
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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