Outer Membrane Protein Assembly Factor Yaet (yaeT) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Outer membrane protein assembly factor YaeT (yaeT), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Outer membrane protein assembly factor YaeT (yaeT)
Product Gene Name	yaeT recombinant protein
Product Synonym Gene Name	yaeT
Sequence	AEGFVVKDIH FEGLQRVAVG AALLSMPVRT GDTVNDEDIS NTIRALFATG NFEDVRVLRD GDTLLVQVKE RPTIASITFS GNKSVKDDML KQNLEASGVR VGESLDRTTI ADIEKGLEDF YYSVGKYSAS VKAVVTPLPR NRVDLKLVFQ EGVSAEIQQI NIVGNHAFTT DELISHFQLR DEVPWWNVVG DRKYQKQKLA GDLETLRSYY LDRGYARFNI DSTQVSLTPD KKGIYVTVNI TEGDQYKLSG VEVSGNLAGH SAEIEQLTKI EPGELYNGTK VTKMEDDIKK LLGRYGYAYP RVQSMPEIND ADKTVKLRVN VDAGNRFYVR KIRFEGNDTS KDAVLRREMR QMEGAWLGSD LVDQGKERLN RLGFFETVDT DTQRVPGSPD QVDVVYKVKE RNTGSFNFGI GYGTESGVSF QAGVQQDNWL GTGYAVGING TKNDYQTYAE LSVTNPYFTV DGVSLGGRLF YNDFQADDAD LSDYTNKSYG TDVTLGFPIN EYNSLRAGLG YVHNSLSNMQ PQVAMWRYLY SMGEHPSTSD QDNSFKTDDF TFNYGWTYNK LDRGYFPTDG SRVNLTGKVT IPGSDNEYYK VTLDTATYVP IDDDHKWVVL GRTRWGYGDG LGGKEMPFYE NFYAGGSSTV RGFQSNTIGP KAVYFPHQAS NYDPDYDYEC ATQDGAKDLC KSDDAVGGNA MAVASLEFIT PTPFISDKYA NSVRTSFFWD MGTVWDTNWD SSQYSGYPDY SDPSNIRMSA GIALQWMSPL GPLVFSYAQP FKKYDGDKAE QFQFNIGKTW
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	90,553 Da
Sequence Positions	21-810, 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 Q1RG12
Species	Escherichia coli (strain UTI89 / UPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yaeT recombinant protein	MBS1480281 is a recombinant protein targeting yaeT. Also known as Recombinant Escherichia coli Outer membrane protein assembly factor YaeT (yaeT). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yaeT 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 yaeT. It may not necessarily be applicable to this product.

NCBI GI #	447163640
NCBI Accession #	WP_001240896.1
UniProt Primary Accession #	Q1RG12
GenBank Nucleotide #	WP_001240896.1
NCBI Official Full Name	MULTISPECIES: outer membrane protein assembly factor BamA
UniProt Protein Name	Outer membrane protein assembly factor BamA
UniProt Gene Name	bamA
UniProt Comments for yaeT	Part of the outer membrane protein assembly complex, which is involved in assembly and insertion of beta-barrel proteins into the outer membrane. Constitutes, with BamD, the core component of the assembly machinery.
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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