Ecotin (eco) Yersinia Pestis Bv. Antiqua Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ecotin (eco), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis bv. Antiqua Ecotin (eco)
Product Gene Name	eco recombinant protein
Product Synonym Gene Name	eco
Sequence	DTPTPLNQQQ PLEKIAPYPQ AEKGMSRQVI FLEPQKDESR FKVELLIGKT LNVDCNRHML GGNLETRTLS GWGFDYLVMD KISQPASTMM ACPEDSKPQV KFVTANLGDA AMQRYNSRLP IVVYVPQGVE VKYRIWEAGE DIRSAQVK
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	18,871 Da
Sequence Positions	22-169, Full length
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 Q1CFY7
Species	Yersinia pestis bv. Antiqua (strain Nepal516)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eco recombinant protein	MBS1329686 is a recombinant protein targeting eco. Also known as Recombinant Yersinia pestis bv. Antiqua Ecotin (eco). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eco 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 eco. It may not necessarily be applicable to this product.

NCBI GI #	488139607
NCBI Accession #	WP_002210815.1
UniProt Primary Accession #	Q1CFY7
UniProt Secondary Accession #	C4GWC9
GenBank Nucleotide #	WP_002210815.1
NCBI Official Full Name	MULTISPECIES: ecotin

UniProt Protein Name	Ecotin
Protein Family	Ecotin
UniProt Gene Name	eco
UniProt Comments for eco	General inhibitor of pancreatic serine proteases: inhibits chymotrypsin, trypsin, elastases, factor X, kallikrein as well as a variety of other proteases.
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