Extracellular Metalloproteinase 1 (MEP1) Trichophyton Rubrum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Extracellular metalloproteinase 1 (MEP1), Recombinant Protein
Full Product Name	Recombinant Trichophyton rubrum Extracellular metalloproteinase 1 (MEP1)
Product Gene Name	MEP1 recombinant protein
Product Synonym Names	Extracellular metalloproteinase 1; EC=3.4.24.-; Fungalysin MEP1
Sequence	ATFQ VYKWGLADPT EGKREIITNP WNLKTSPLTW LSDGHNNYTA TRGNNAIAQY NPDGGNDYEN NYRPSPKNLK FEYPYSPDMN PPKTYIDASV TELFYTSNIC HDLYYMLGFN EKAGNFQVNN RGQGGKGNDF VILNAQDGSG TNNANFATPP DGQPGRMRAY IWTRANPPRD ASFEAGTIIH EYTHGLSNRL CGGPANSRCL NALESGGMGE GWGDFYATAV RLKPNDTRKT NYVKGGWVNN SPKGVRMYPY STDMNVNPLV YTSNNKLNEV HAIGTVWCTM LYEVLWNLID KHGKNDGPVP IFENGVPNDG KYLAMKIVMD GMAIQPCNPN FVQARDAILD ADMNLTKGAN KCEIWKGFAK RGLGVGAKFD PKNRTGSTQV PNECK
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	70,126 Da
Sequence Positions	247-635aa; Extracellular domain
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 Q8NIB6
Species	Trichophyton rubrum (Athlete's foot fungus) (Epidermophyton rubrum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MEP1 recombinant protein	MBS1386176 is a recombinant protein targeting MEP1. Also known as Recombinant Trichophyton rubrum Extracellular metalloproteinase 1 (MEP1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MEP1 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 MEP1. It may not necessarily be applicable to this product.

NCBI GI #	74620701
NCBI Accession #	Q8NIB6.1
UniProt Primary Accession #	Q8NIB6
NCBI Official Full Name	Extracellular metalloproteinase 1

UniProt Protein Name	Extracellular metalloproteinase 1
UniProt Synonym Protein Names	Fungalysin MEP1
Protein Family	Ammonium transporter
UniProt Gene Name	MEP1
UniProt Entry Name	MEP1_TRIRU
UniProt Comments for MEP1	Secreted metalloproteinase probably acting as a virulence factor.
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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