Leucine Aminopeptidase 1 (LAP1) Ajellomyces Dermatitidis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Leucine aminopeptidase 1 (LAP1), Recombinant Protein
Full Product Name	Recombinant Ajellomyces dermatitidis Leucine aminopeptidase 1 (LAP1)
Product Gene Name	LAP1 recombinant protein
Sequence	TFPTGLHRTV EVMPLAAQLS KDNMFSHLTT FTSFHTRYYK SETGIQSATW LMKQIQKTIS SSPASNARVE KFEHPWGQFS VIATVPGQSN KTVVIGAHQD SINMFLPSIL AAPGADDDGS GTVTILEAFR VLLQSEAIAQ GNATNTVEFH WYSAEEGGLL GSQAVFSKYK QDNKDIRAML QQDMTGYSKG TLDAGELESV GVITDFVDEG LTEFIKKVVN GYCDIPFVLT ECGYACSDHA SASRFGYPSA FVIESKFEHS SQHIHTGQDT IETLDFNHML QHAKMTLGLA YELAFADI
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	42,315 Da
Sequence Positions	88-385, 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 C5GRP9
Species	Ajellomyces dermatitidis (strain ER-3 / MYA-2586) (Blastomyces dermatitidis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LAP1 recombinant protein	MBS1125242 is a recombinant protein targeting LAP1. Also known as Recombinant Ajellomyces dermatitidis Leucine aminopeptidase 1 (LAP1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LAP1 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 LAP1. It may not necessarily be applicable to this product.

NCBI GI #	347602434
NCBI Accession #	C5GRP9.1
UniProt Primary Accession #	C5GRP9
NCBI Official Full Name	Leucine aminopeptidase 1
UniProt Protein Name	Leucine aminopeptidase 1
UniProt Synonym Protein Names	Leucyl aminopeptidase 1; LAP1

Protein Family	Probable leucine aminopeptidase
UniProt Gene Name	LAP1
UniProt Synonym Gene Names	LAP1
UniProt Comments for LAP1	Extracellular aminopeptidase that allows assimilation of proteinaceous substrates.
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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