Probable Branched-Chain Amino Acid Transport ATP-Binding Protein Livf (livF) Methanocaldococcus Jannaschii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable branched-chain amino acid transport ATP-binding protein LivF (livF), Recombinant Protein
Full Product Name	Recombinant Methanocaldococcus jannaschii Probable branched-chain amino acid transport ATP-binding protein LivF (livF)
Product Gene Name	livF recombinant protein
Product Synonym Gene Name	livF; MJ1268
Product Synonym Names	Probable branched-chain amino acid transport ATP-binding protein LivF
Sequence	MIKVKNLNAG YGKLQILFDV NAKIEKGKIT TVVGPNGSGK STFLKTLFGL TKIYSGEIIF KDKDIAKVPP HQKARMKIAY LPQTNNVFAN LTVEENLKIA GYVLDKDKVK ERIEIALSVF PELKDILKRK AGTLSGGQRQ FLAMGMALVR DAEVLMLDEP TAQLSPKLAE VIFEKIIEMR DNFGLTILLV EQNAKRALEI SDNGYMFVSG RVAFEGTAEE LLNHEKFKEY SLGITAV
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	26,353 Da
Sequence Positions	1-237aa; 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 Q58664
Species	Methanocaldococcus jannaschii (strain 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for livF recombinant protein	MBS1386252 is a recombinant protein targeting livF. Also known as Recombinant Methanocaldococcus jannaschii Probable branched-chain amino acid transport ATP-binding protein LivF (livF). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of livF 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 livF. It may not necessarily be applicable to this product.

NCBI GI #	15669454
NCBI GeneID	1452166

NCBI Accession #	NP_248264.1
UniProt Primary Accession #	Q58664
GenBank Nucleotide #	NC_000909.1
NCBI Official Full Name	high-affinity branched-chain amino acid transport ATP-binding protein BraG
NCBI Official Symbol	MJ_1268
UniProt Protein Name	Probable branched-chain amino acid transport ATP-binding protein LivF
Protein Family	High-affinity branched-chain amino acid transport ATP-binding protein
UniProt Gene Name	livF
UniProt Entry Name	LIVF_METJA
NCBI Protein Information	high-affinity branched-chain amino acid transport ATP-binding protein BraG
UniProt Comments for livF	Probable component of a branched-chain amino-acid transport system.
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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