Lipase Chaperone (lifO) Chromobacterium Violaceum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lipase chaperone (lifO), Recombinant Protein
Full Product Name	Recombinant Chromobacterium violaceum Lipase chaperone (lifO)
Product Gene Name	lifO recombinant protein
Product Synonym Gene Name	lifO; lipH; CV_2713
Product Synonym Names	Lipase chaperone; Lipase activator protein; Lipase foldase; Lipase helper protein; Lipase modulator
Sequence	MRGLGLTLAA ACAAWLAWWA WPDGAHSEAA AARQAARGGF APSLIGTRPD GAAAEADGKL VVDQQLRQLF DYYLATLGER DLAVIRTELQ GQLKRSLKNG PLAQAMGLFD RYVGYKRSLA GKAAAAATDL SHRLELVQAA RRQYFSQAEL DGLFGDEDRY DNFTARRLAI EANPALSVDE KRRRVAQLEQ QLPPGLRAAR EEPVKHLALA DAEARLRQGG GGEQQLYQLR AGMVGQAAAD RLGELDREQA AWQNRVDDFK RERTAILADG GLSAQQRQQA LARLQAQRFS QQESLRLPAY LSN
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	33,275 Da
Sequence Positions	1-303
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 Q7NUI5
Species	Chromobacterium violaceum (strain 12472 / DSM 30191 / JCM 1249 / NBRC 12614 / NCIMB 9131 / 9757)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lifO recombinant protein	MBS1304152 is a recombinant protein targeting lifO. Also known as Recombinant Chromobacterium violaceum Lipase chaperone (lifO). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lifO 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 lifO. It may not necessarily be applicable to this product.

NCBI GI #	34498168
NCBI GeneID	2549877
NCBI Accession #	NP_902383.1
UniProt Primary Accession #	Q7NUI5

UniProt Related Accession #	Q7NUI5
GenBank Nucleotide #	NC_005085.1
NCBI Official Full Name	lipase chaperone
NCBI Official Symbol	lipH
UniProt Protein Name	Lipase chaperone
UniProt Synonym Protein Names	Lipase activator protein; Lipase foldase; Lipase helper protein; Lipase modulator
Protein Family	Lipase chaperone
UniProt Gene Name	lifO
UniProt Synonym Gene Names	lipH
UniProt Entry Name	LIFO_CHRVO
NCBI Protein Information	lipase chaperone
UniProt Comments for lifO	May be involved in the folding of the extracellular lipase during its passage through the periplasm.
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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