Lysozyme (LYS4) Entamoeba Histolytica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lysozyme (LYS4), Recombinant Protein
Full Product Name	Recombinant Entamoeba histolytica Lysozyme (LYS4)
Product Gene Name	LYS4 recombinant protein
Product Synonym Gene Name	LYS4
Sequence	KLGIDVSQPT STSSFTCLRN KGFTTMVIVR AWKSTGSFDT NAPQTLKNAN AAGFSIENSD VYYYPCISCG NMAGQVRTFW QKVGQYSLKV KRVWFDIEGT WTSSVSTNQN YLMQMMNEAR AIGIVHGIYG SKYYWGNLFG SSYKYRYRSS TPLWYPHYDN SPSFSDFSSF GGWTSPSMKQ YRGDVSVCSA GVDYNYKP
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	22,379 Da
Sequence Positions	1-198, 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 Q27650
Species	Entamoeba histolytica
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LYS4 recombinant protein	MBS1349174 is a recombinant protein targeting LYS4. Also known as Recombinant Entamoeba histolytica Lysozyme (LYS4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LYS4 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 LYS4. It may not necessarily be applicable to this product.

NCBI GI #	25090669
NCBI Accession #	Q27650.2
UniProt Primary Accession #	Q27650
NCBI Official Full Name	Lysozyme
UniProt Protein Name	Lysozyme
UniProt Synonym Protein Names	1,4-beta-N-acetylmuramidase

Protein Family	Homoaconitase
UniProt Gene Name	LYS4
UniProt Comments for LYS4	Has antibacterial activity against Gram-positive bacteria. No activity against S.aureus.
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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