Lysozyme C (LYZ) Hylobates Lar Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lysozyme C (LYZ), Recombinant Protein
Full Product Name	Recombinant Hylobates lar Lysozyme C (LYZ)
Product Gene Name	LYZ recombinant protein
Sequence	KVFERCELAR TLKRLGMDGY RGISLANWMC LAKWESGYNT RATNYNPGDR STDYGIFQIN SRYWCNDGKT PGAVNACHLS CNALLQDNIA DAVACAKRVV RDPQGIRAWV AWRNRCQNRD LRQYIQGCGV
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	16,676 Da
Sequence Positions	19-148, 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 P79180
Species	Hylobates lar (Common gibbon)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LYZ recombinant protein	MBS1261303 is a recombinant protein targeting LYZ. Also known as Recombinant Hylobates lar Lysozyme C (LYZ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LYZ 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 LYZ. It may not necessarily be applicable to this product.

NCBI GI #	2497777
NCBI Accession #	P79180.1
UniProt Primary Accession #	P79180
NCBI Official Full Name	Lysozyme C
UniProt Protein Name	Lysozyme C
UniProt Synonym Protein Names	1,4-beta-N-acetylmuramidase C
UniProt Gene Name	LYZ

UniProt Synonym Gene Names	LZM
UniProt Comments for LYZ	Lysozymes have primarily a bacteriolytic function; those in tissues and body fluids are associated with the monocyte-macrophage system and enhance the activity of immunoagents.
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