Lysozyme C-2 (LYZ) Pig Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lysozyme C-2 (LYZ), Recombinant Protein
Full Product Name	Recombinant Pig Lysozyme C-2
Product Gene Name	LYZ recombinant protein
Sequence	KVYDRCEFAR ILKKSGMDGY RGVSLANWVC LAKWESDFNT KAINHNVGST DYGIFQINSR YWCNDGKTPK AVNACHISCK VLLDDDLSQD IECAKRVVRD PLGVKAWVAW RAHCQNKDVS QYIRGCKL
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	16,484 Da
Sequence Positions	19-146, 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 P12068
Species	Sus scrofa (Pig)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LYZ recombinant protein	MBS1018873 is a recombinant protein targeting LYZ. Also known as Recombinant Pig Lysozyme C-2. 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 #	269914120
NCBI GeneID	100157211
NCBI Accession #	NP_999557.2
UniProt Primary Accession #	P12068
UniProt Related Accession #	P12067; P12068; P12069
GenBank Nucleotide #	NM_214392.2
NCBI Official Full Name	lysozyme C-3

NCBI Official Symbol	LYZ
NCBI Official Synonym Symbols	LYZS
UniProt Protein Name	Lysozyme C-2
UniProt Synonym Protein Names	1,4-beta-N-acetylmuramidase C
Protein Family	Lysozyme
NCBI Protein Information	lysozyme C-3
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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