Glycine Cleavage System H Protein (gcvH) Legionella Pneumophila Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glycine cleavage system H protein (gcvH), Recombinant Protein
Full Product Name	Recombinant Legionella pneumophila Glycine cleavage system H protein (gcvH)
Product Gene Name	gcvH recombinant protein
Product Synonym Gene Name	gcvH; LPC_0137
Product Synonym Names	Glycine cleavage system H protein
Sequence	MNDLKFTTTH EWLREDEEEV TVGITDHAQE LLGDMVFVEL PEIGDEVSAG QELGVVESVK AASDFYAPIS GVVTAVNEAV GKNPALVNHD PYHEGWLVKL KPSHPDEIKS LLSDEQYQNE IAEEN
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	13,845 Da
Sequence Positions	1-125aa; 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 A5I9T6
Species	Legionella pneumophila (strain Corby)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gcvH recombinant protein	MBS1258810 is a recombinant protein targeting gcvH. Also known as Recombinant Legionella pneumophila Glycine cleavage system H protein (gcvH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gcvH 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 gcvH. It may not necessarily be applicable to this product.

NCBI GI #	148358275
NCBI GeneID	5181941
NCBI Accession #	YP_001249482.1
UniProt Primary Accession #	A5I9T6
UniProt Related Accession #	A5I9T6

GenBank Nucleotide #	NC_009494.2
NCBI Official Full Name	glycine cleavage system H protein
NCBI Official Symbol	gcvH
UniProt Protein Name	Glycine cleavage system H protein
Protein Family	Glycine cleavage system H protein
UniProt Gene Name	gcvH
UniProt Entry Name	GCSH_LEGPC
NCBI Protein Information	glycine cleavage system protein H
UniProt Comments for gcvH	The glycine cleavage system catalyzes the degradation of glycine. The H protein shuttles the methylamine group of glycine from the P protein to the T protein.
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