Glycine Cleavage System H Protein (gcvH) Coxiella Burnetii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glycine cleavage system H protein (gcvH), Recombinant Protein
Full Product Name	Recombinant Coxiella burnetii Glycine cleavage system H protein (gcvH)
Product Gene Name	gcvH recombinant protein
Sequence	MAEFPAELYY SKNHEWMRKE SDETFTVGIT DHAQEQLGDL VFVELPETNI HVDAGDEVAV VESVKTAADV YSPLSGKVIE INNALENEPA TVNRDPYGDG WLYRITIDDE KELNDLLDAD GYQTLIEAES
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	14,594 Da
Sequence Positions	1-130, 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 B6J4T6
Species	Coxiella burnetii (strain CbuK_Q154) (Coxiella burnetii (strain Q154))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gcvH recombinant protein	MBS1093009 is a recombinant protein targeting gcvH. Also known as Recombinant Coxiella burnetii 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 #	492175272
NCBI GeneID	1209626
NCBI Accession #	WP_005770508.1
UniProt Primary Accession #	B6J4T6
UniProt Related Accession #	Q83B07
GenBank Nucleotide #	WP_005770508.1
NCBI Official Full Name	glycine cleavage system protein H

NCBI Official Symbol	gcvH
UniProt Protein Name	Glycine cleavage system H protein
Protein Family	Glycine cleavage system H protein
UniProt Gene Name	gcvH
NCBI Protein Information	glycine cleavage system H protein
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.
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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