Glycine Cleavage System H Protein (gcvH) Prochlorococcus Marinus Subsp. Pastoris Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glycine cleavage system H protein (gcvH), Recombinant Protein
Full Product Name	Recombinant Prochlorococcus marinus subsp. pastoris Glycine cleavage system H protein (gcvH)
Product Gene Name	gcvH recombinant protein
Product Synonym Gene Name	gcvH
Sequence	MSYKFPNYLR YADTHEYVKE ENGLFKIGVS EFAIDQLGDI VFVELVEKGT NLQKGETFGT IESVKAVEEV YLPFSGEVIS VNEGVIDNPE ILQNDPIGDG WLLIIKSESN VLLDELMNSD EYKSKVVPN
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	14,508 Da
Sequence Positions	1-129, 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 Q7TU20
Species	Prochlorococcus marinus subsp. pastoris (strain CCMP1986 / MED4)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gcvH recombinant protein	MBS1425052 is a recombinant protein targeting gcvH. Also known as Recombinant Prochlorococcus marinus subsp. pastoris 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 #	499445832
NCBI Accession #	WP_011133296.1
UniProt Primary Accession #	Q7TU20
GenBank Nucleotide #	WP_011133296.1
NCBI Official Full Name	glycine cleavage system protein H
UniProt Protein Name	Glycine cleavage system H protein

Protein Family	Glycine cleavage system H protein
UniProt Gene Name	gcvH
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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