Aminomethyltransferase (gcvT) Alkaliphilus Metalliredigens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aminomethyltransferase (gcvT), Recombinant Protein
Full Product Name	Recombinant Alkaliphilus metalliredigens Aminomethyltransferase (gcvT)
Product Gene Name	gcvT recombinant protein
Sequence	MENSKKTPLF TVYEKHKGKL IDFGGWAMPV QFEGIIPEHE AVRSNAGLFD VSHMGEVEIK GKDALNFVQY LITNDASQME KNQIIYSFMC YENGGVVDDL LVYKFEEDYF YLVINAGNIE KDYEWMLKQS TAYDVEVNNI SNDVSELALQ GPKAEKILQK LTETDLSQLQ FFYLQRDVTI DGVNCLISRT GYTGEDGFEI YVNPSDAVQL WEKLLEVGQE DGLKPIGLGA RDTLRFEAAL PLYGHEINRD ITPLEAGFGF AVKLKKEVDF LGKKALIEQK EAGLTRKLVG FEMKDRGIPR SDYEVYHQGE KIGFVTTGYF SPTLKRNIGL ALIDAKYAEL GNEVDILIRK KQVKAELISK TFYKKNYKK
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	41,950 Da
Sequence Positions	1-369, 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 A6TMY6
Species	Alkaliphilus metalliredigens (strain QYMF)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gcvT recombinant protein	MBS1237826 is a recombinant protein targeting gcvT. Also known as Recombinant Alkaliphilus metalliredigens Aminomethyltransferase (gcvT). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gcvT 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 gcvT. It may not necessarily be applicable to this product.

NCBI GI #	501009694
NCBI Accession #	WP_012062595.1
UniProt Primary Accession #	A6TMY6
GenBank Nucleotide #	WP_012062595.1
NCBI Official Full Name	aminomethyltransferase

UniProt Protein Name	Aminomethyltransferase
UniProt Synonym Protein Names	Glycine cleavage system T protein
Protein Family	Aminomethyltransferase
UniProt Gene Name	gcvT
UniProt Comments for gcvT	The glycine cleavage system catalyzes the degradation of glycine.
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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