Aminomethyltransferase (gcvT) Dechloromonas Aromatica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aminomethyltransferase (gcvT), Recombinant Protein
Full Product Name	Recombinant Dechloromonas aromatica Aminomethyltransferase (gcvT)
Product Gene Name	gcvT recombinant protein
Product Synonym Gene Name	gcvT
Sequence	MLKKTVLNAA HRAMNARMVD FGGWDMPVNY GSQIEEHNAV RNNCGMFDVS HMCPVDVVGA DCRTFLSRLV ANDVAKLKVS GKALYAAMLN EAGGVIDDLI IYFLTDTRFR IVVNAGTAEK DLAWMQAKVA EWKLDVTITQ RRDGANNLGI IAVQGPNARA KVWEVLPQTK AATAGLKAFF AAEVDQYFIA STGYTGEDGY EIMMPAGEAE ALWNKLNAAG VAPCGLGARD TLRLEAGMNL YGQDMDETVS PLDAGLAWTV SLNTDRDFVG KAALVTNGQQ KQFLGLILLD KGVLRGHQKV MTKQGDGEIT SGSFSPTLQQ SIALARLPLG VQIGDEVEVD IRGKALKAKV TKPVFARNGK AVI
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	39,136 Da
Sequence Positions	1-363, 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 Q47D83
Species	Dechloromonas aromatica (strain RCB)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gcvT recombinant protein	MBS1403841 is a recombinant protein targeting gcvT. Also known as Recombinant Dechloromonas aromatica 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 #	499607463
NCBI Accession #	WP_011288197.1
UniProt Primary Accession #	Q47D83
GenBank Nucleotide #	WP_011288197.1

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.
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