Aminomethyltransferase (gcvT) Sodalis Glossinidius Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aminomethyltransferase (gcvT), Recombinant Protein
Full Product Name	Recombinant Sodalis glossinidius Aminomethyltransferase (gcvT)
Product Gene Name	gcvT recombinant protein
Product Synonym Gene Name	gcvT
Sequence	MAQQTPLYEE HHASGAKMVD FHGWMMPLHY GSQLDEHHQV RRDVGMFDVS HMTIVDLAGP RTRDFLRHLL ANDVAKLTVP GKALYTGMLN ASGGVIDDLI VYFLSEIEFR LVVNSETRDK DVEWITRHAE PYQVTVTVRD DLALIAVQGP QAQSKTQTLF SSQQRQAVSG MKPFFGVQAN ELFIATTGYT GEAGYEIALP ATQAADFWRQ LLAAGVKPCG LGARDTLRLE AGMNLYGQEM DEGISPLAAN MGWTITWRPE GRDFIGREAL EAQRAAGDGE QLVGLVMTEK GVLRNGLPVH FTDAAGNMQQ GIITSGSFSP TLGVSIALAR VPAGIGQQAI VLIRNREMPV KVTKPGFVRA GKAVAQ
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	39,916 Da
Sequence Positions	1-366, 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 Q2NRE8
Species	Sodalis glossinidius (strain morsitans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gcvT recombinant protein	MBS1344077 is a recombinant protein targeting gcvT. Also known as Recombinant Sodalis glossinidius 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 #	499730998
NCBI Accession #	WP_011411732.1
UniProt Primary Accession #	Q2NRE8
GenBank Nucleotide #	WP_011411732.1

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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