



# Recombinant Escherichia coli Aminomethyltransferase (gcvT)

<b>Product Code</b>	CSB-MP001684ENU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	C5A0H7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / MC4100 / BW2952)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAQQTPLYEQ HTLCGARMVD FHGWMMPLHY GSQIDEHHAV RTDAGMFDVS HMTIVDLRGS RTREFLRILL ANDVAKLTKS GKALYSGMLN ASGGVIDDLI VYYFTEDFFR LVVNSATREK DLSWITQHAE PFGIEITVRD DLSMIAVQGP NAQAKAATLF NDAQRQAVEG MKPFFGVQAG DLFIATTGYT GEAGYEIALP NEKAADFWRALVEAGVKPCG LGARDTLRLE AGMNLYGQEM DETISPLAAN MGWTIAWEPA DRDFIGREAL EVQREHGTEK LVGLVMTEKG VLRNELPVRF TDAQGNQHEG IITSGTFSPT LGYSIALARV PEGIGETAIV QIRNREMPVK VTKPVFVRNG KAVA
<b>Source</b>	Mammalian cell
<b>Target Names</b>	gcvT
<b>Protein Names</b>	Recommended name: Aminomethyltransferase EC= 2.1.2.10 Alternative name(s): Glycine cleavage system T protein
<b>Expression Region</b>	1-364
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.