Recombinant Escherichia coli O127:H6 Aminomethyltransferase (gcvT)

Product Code	CSB-YP001684EOB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B7UHV3
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O127:H6 (strain E2348/69 / EPEC)
Purity	>85% (SDS-PAGE)
Sequence	MAQQTPLYEQ HTLCGARMVD FHGWMMPLHY GSQIDEHHAV RTDAGMFDVS HMTIVDLRGS RTREFLRYLL ANDVAKLTKS GKALYSGMLN ASGGVIDDLI VYYFTEDFFR LVVNSATREK DLSWITQHAE PFGIEITVRD DLSMIAVQGP NAQAKAATLF NDAQRQAVEG MKPFFGVQAG DLFIATTGYT GEAGYEIALP NEKAADFWRA LVEAGVKPCG LGARDTLRLE AGMNLYSQEM DETISPLAAN MGWTIAWEPA DRDFIGREAL EAQREHGTEK LVGLVMTEKG VLRNELPVRF TDAQGNQHEG IITSGTFSPT LGYSIALARV PEGIGETAIV QIRNREMPVK VTKPVFVRNG KAVA
Source	Yeast
Target Names	gcvT
Protein Names	Recommended name: Aminomethyltransferase EC= 2.1.2.10 Alternative name(s): Glycine cleavage system T protein
Expression Region	1-364
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.
Shelf Life	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.