



Recombinant *Shewanella baltica*

Aminomethyltransferase (gcvT)

Product Code	CSB-MP001684SYS
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B8EB47
Product Type	Recombinant Protein
Immunogen Species	<i>Shewanella baltica</i> (strain OS223)
Purity	>85% (SDS-PAGE)
Sequence	MANKTILFNK HLESNAKMVD FHGWDMPLNY GSQIEEHNAV RQDAGMFDVS HMTVVDVIGN DCAFLRKLL ANDVAKLKVP GKALYGGMLD ENAGVIDDLI TYYLTDTNYR VVNSATREK DLAWIAKQSQ GFDVTVTERP ELAMIAVQGP NAKAKAAAVL SAEQNTAIEG MKPFFGKQAG SLFIATTGYT GEAGYEIIVP EDEAQAMWQA LLDQGVKPCG LGARDTLRLE AGMNLYGLDM DETINPLAAN MGWTIAWEPS DRDFIGRKAL ETLRDAGTDK LVGLVMEEKG VLRHDMPVFF TDSAGVEHQG VITSGTFSPT LGYSIAMARV PNSIGDTAEV EMRKKRVAVR VVAPNFVRNG KQAF
Source	Mammalian cell
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.