



Recombinant Bacillus cereus Probable glycine dehydrogenase [decarboxylating] subunit 1 (gcvPA)

Product Code	CSB-EP717387BAAD
Abbreviation	gcvPA
Storage	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.
Uniprot No.	Q634V7
Product Type	Recombinant Protein
Immunogen Species	Bacillus cereus (strain ZK / E33L)
Purity	≥85% (SDS-PAGE)
Sequence	MLHRYLPMTE EDKKEMLQTI GVQTIDELFS DIPESVRFKG DLKIKEAKSE PELLKELSQM ASKNANLKEY ASFLGAGVYD HYAPVIVDHV ISRSEFYTAY TPYQPEISQG ELQAIFEFQT MICELTGMDV ANSSMYDGGT ALAEAAMLAA GHTRKKKILV SSAVHPESRA VLETYAKGQH LEVVEINHKD GVTDLVDLQS EVDDTVACVI VQYPNFFGQV EKLADIEKIV HQQKSLFIVS SNPLSLGALT PPGKFGADIV IGDAQPFQIP TQFGGPHCGY FATTKAFMRK IPGRLVGQTV DSDGKRGFVL TLQAREQHIR RDKATSNICS NQALNALAAS VAMTALGKQG VKEMARQNIS KAQYAKRQFE AKGFTVTFAG PFFNEFVVDC KRPVKEVNDA LLQKNIIGGY DLGRDYKEHE NHMLVAVTEL RTKEEIDTLV NEMGAIQ
Source	E.coli
Target Names	gcvPA
Protein Names	Recommended name: Probable glycine dehydrogenase [decarboxylating] subunit 1 EC= 1.4.4.2 Alternative name(s): Glycine cleavage system P-protein subunit 1 Glycine decarboxylase subunit 1
Expression Region	1-447
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.