



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

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| <b>Product Code</b>      | CSB-YP717387BAAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Abbreviation</b>      | gcvPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.                                                                                                                                                                                                                                                  |
| <b>Uniprot No.</b>       | Q634V7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen Species</b> | Bacillus cereus (strain ZK / E33L)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Sequence</b>          | MLHRYLPMTE EDKKEMLQTI GVQTIDELFS DIPESVRFKG DLKIKEAKSE<br>PELLKELSQM ASKNANLKEY ASFLGAGVYD HYAPVIVDHV ISRSEFYTAY<br>TPYQPEISQG ELQAIFEFQT MICELTGMDV ANSSMYDGGT ALAEAAMLAA<br>GHTRKKKILV SSAVHPESRA VLETYAKGQH LEVVEINHKD GVTDLVDLQS<br>EVDDTVACVI VQYPNFFGQV EKLADIEKIV HQQKSLFIVS SNPLSLGALT<br>PPGKFGADIV IGDAQPFQIP TQFGGPHCGY FATTKAFMRK IPGRLVGQTV<br>DSDGKRGFVL TLQAREQHIR RDKATSNICS NQALNALAAS VAMTALGKQG<br>VKEMARQNIS KAQYAKRQFE AKGFTVTFAG PFFNEFVVDC KRPVKEVNDA<br>LLQKNIIGGY DLGRDYKEHE NHMLVAVTEL RTKEEIDTLV NEMGAIQ |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Target Names</b>      | gcvPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Names</b>     | 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                                                                                                                                                                                                                                                                                                                                           |
| <b>Expression Region</b> | 1-447                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <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.                                                                                                                         |



## Shelf Life

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