



Recombinant *Bacillus licheniformis* Germination protease (gpr)

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| Product Code | CSB-EP720815BQU-B |
| Abbreviation | gpr |
| 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. | Q65H47 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Bacillus licheniformis</i> (strain ATCC 14580 / DSM 13 / JCM 2505 / NBRC 12200 / NCIMB 9375 / NRRL NRS-1264 / Gibson 46) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | LAVE ARDLAEEKEA SPKKELKGFT VKEYEKDGIK IQTMDIDEEG AKLSGKKAGR YLTFETQGIR QQDSVLQEKV VDVFAKEFSS FLDYLGIPRD ASCLIVGLGN WNVTPDSLGP LVTENLLVTR HLFQLQPENV EEGYRPVSAL SPGVMGLTGI ETSDIIQGVI DRSKPDFVIA IDALASRGIE RVNSTIQISD SGIHPGSGVG NKRKELSKDT LGIPVIAIGV PTVVDAVTIT SDTIDYMLKH FGREMRDDSP SRSLVPAGMS FGKRKVLTEE DLPDEEHRKS FLGIVGGLAE DEKRQLIHEV LAPLGHNL MV TPKEVDTFID DMANVIANGL NTALHENV SQ DNKGMYNH |
| Source | E.coli |
| Target Names | gpr |
| Protein Names | Recommended name: Germination protease EC= 3.4.24.78 Alternative name(s): GPR endopeptidase Germination proteinase Spore protease |
| Expression Region | 17-368 |
| 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 of Mature 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 |



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