



Recombinant *Bacillus licheniformis* Germination protease (gpr)

Product Code	CSB-YP720815BQU
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 ETSDIIQGGVI DRSKPDFVIA IDALASRGIE RVNSTIQISD SGIHPGSGVG NKRKELSKDT LGIPVIAIGV PTVVDAVTIT SDTIDYMLKH FGREMRDDSP SRSLVPAGMS FGKRKVLTEE DLPDEEHRKS FLGIVGGLAE DEKRQLIHEV LAPLGHNL MV TPKEVDTFID DMANVIANGL NTALHENV SQ DNKGMYNH
Source	Yeast
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



of lyophilized form is 12 months at -20°C/-80°C.