



# Recombinant *Bacillus cereus* Germination protease (gpr)

<b>Product Code</b>	CSB-EP730902BAAD
<b>Abbreviation</b>	gpr
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q634M0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Bacillus cereus</i> (strain ZK / E33L)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	LAVEA HQMLQERQEE QQQGIQGVIV KEREEEGIII TKVTIDEVAS ESMGKKPGNY LTLEVQGIHQ QDTELQQKVE RIFAKEFSYF LEEVGVTKEA SCLIVGLGNW NVTPDALGPI VVENVLVTRH LFQLQPESVE EGFRPVSAIR PGVMGITGIE TSDVIYGIIE KTKPDFVIAI DALAARSIER VNSTIQISDT GIHPGSGVGN KRKELSKETL GIPVIAIGVP TVVDAVSITS DTIDFILKHF GREMKEGNKP SRSLLPAGFT FGEKKKLTTEE DMPDEKSRNM FLGAVGTLED EEKRKLIEV LSPLGHNL MV TPKEVDAFIE DMANVIASGL NAALHHQIDQ DNTGAYTH
<b>Source</b>	<i>E. coli</i>
<b>Target Names</b>	gpr
<b>Protein Names</b>	Recommended name: Germination protease EC= 3.4.24.78 Alternative name(s): GPR endopeptidase Germination proteinase Spore protease
<b>Expression Region</b>	16-368
<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 of Mature 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.
<b>Shelf Life</b>	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.