



Recombinant *Bacillus licheniformis* Protein grpE (grpE)

Product Code	CSB-EP734252BQU
Abbreviation	grpE
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.	Q65H53
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	MAEEKQNEEL NEQEELNETE AETAEEAQTA AEADAPAEET QTEMLEKQLK ELQERLEEKE NKLLRVQADF ENYKRRARLD LEAAEKYRSQ RIISDLLPAL DNFERALQID PDNEQTKSLL QGMEMVHRQI LEALKNEGVE QIPSVGEQFD PNMHQAVMQV EDEAYESNAV VEELQKGYKL KDRVIRPSMV KVNQ
Source	E.coli
Target Names	grpE
Protein Names	Recommended name: Protein grpE Alternative name(s): HSP-70 cofactor
Expression Region	1-194
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.