



Recombinant *Bacillus licheniformis* Trigger factor (tig)

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|--------------------------|---|
| Product Code | CSB-YP737490BQU |
| Abbreviation | tig |
| 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. | Q65GJ3 |
| 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 | MSVKWEKQEG NEGVLTVEVD ADTFNKALDD AFKKVVKQVS IPGFRKKGKVP RGLFEQRFGV EALYQDALDI LLPVEYPKAV EEAGIEPVDR PEIDVEKIEK GENLIFTAKV TVKPEVKLGE YKGLGIEKDD TAVTDEDVQN ELKSLQERQA ELVVKEDGKV EEGDTVVLDF EGFVDGEAFE GGKAENYSLE VGSGSFIPGF EDQLVGLEAG AEKDVEVTFP EHYHAEELAG KPAVFKVKIH EIKAKELPEL DDEFKDVDE EVGTLAELTE KTKKRLEEAK ENEADAKLRE ELVLKAAENA EADIPQAMID TELDRMMKEF EQRLQMGMN LELYFQFSGQ DENALKEQMK EDAERVKSN LTLEIAIAKAE NLQVTDEEVE EELSKMAEAY NMPVENIKQA IGSTDGMKED LKVRKAIDFL VENR |
| Source | Yeast |
| Target Names | tig |
| Protein Names | Recommended name: Trigger factor Short name= TF EC= 5.2.1.8 Alternative name(s): PPlase |
| Expression Region | 1-424 |
| 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.