

Datasheet for ABIN1670045  
**Cfr Protein (AA 1-349) (His tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg                                       |
| Target:                       | Cfr  |
| Protein Characteristics:      | AA 1-349                                   |
| Origin:                       | Bacillus amyloliquefaciens                 |
| Source:                       | Yeast                                      |
| Protein Type:                 | Recombinant                                |
| Purification tag / Conjugate: | This Cfr protein is labelled with His tag. |
| Application:                  | ELISA                                      |

## Product Details

|                  |   |
|------------------|---|
| Sequence:        | MQQKNKYIRI QEFLKQNKFP DFRMNQIKNA VFQGRINHFN EITVLPKSLR KLLIEEFGES<br>ILNIAPLKVQ HSEQVTKVLF EISGDEKIET VNMKYKAGWE SFCISSQCGC HFGCKFCATG<br>DIGLKRNLTS DEMTDQILYF HLKGHSIDSI SFMGMGEALA NVQVFDALHV LTNPELFALS<br>PRRLSISTIG IIPGIKKITQ DYPQVNLTF S LHSPFNEQRS KLMPINERYP LLEVMDTLDE<br>HIRVTSRKVY IAYIMLPGVN DSIDHANEVV NLLRSRYKRG NLFHVNIIRY NPTVSSPMRF<br>EEVNEKQVVN FYKKLKSAGI NVTVRSQFGI DIDAACGQLY GNYQKNKNQ |
| Specificity:     | Bacillus amyloliquefaciens (strain FZB42)   |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.  |
| Purity:          | > 90 %  |

## Target Details

|             |  |
|-------------|--|
| Target:     | Cfr  |
| Abstract:   | <a href="#">Cfr Products</a>   |
| Background: | <p>Recommended name: Ribosomal RNA large subunit methyltransferase Cfr.</p> <p>EC= 2.1.1.224.</p> <p>Alternative name(s): 23S rRNA (adenine(2503)-C(8))-methyltransferase 23S rRNA m8A2503 methyltransferase</p> |
| UniProt:    | <a href="#">A7Z1T2</a>   |

## Application Details

|               |   |
|---------------|---|
| Comment:      | <p>The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.</p> |
| Restrictions: | For Research Use only   |

## Handling

|                  |   |
|------------------|---|
| Format:          | Lyophilized   |
| Concentration:   | 0.2-2 mg/mL   |
| Buffer:          | Tris-based buffer, 50 % glycerol  |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage:         | -20 °C  |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.                                |