



# Recombinant Bacillus subtilis Riboflavin biosynthesis protein RibD (ribD)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-MP322953BRJ   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | P17618  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Bacillus subtilis (strain 168)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MEEYYMKLAL DLAKQGEGQT ESNPLVGAVV VKDGQIVGMG AHLKYGEAHA<br>EVHAIHMAGA HAEGADIYVT LEPCSHYGKT PPCAELIINS GIKRVFVAMR<br>DPNPLVAGRG ISMMKEAGIE VREGILADQA ERLNEKFLHF MRTGLPYVTL<br>KAAASLDGKI ATSTGDSKWI TSEARQDAQ QYRKTHQSIL VGVGTVKADN<br>PSLTCRLPNV TKQPVRVILD TVLSIPEDAK VICDQIAPTW IFTTARADEE<br>KKKRLSAFGV NIFTLETERI QIPDVLKILA EEGIMSVYVE GGSAVHGSFV<br>KEGCFQEIIF YFAPKLIGGT HAPSLISGEG FQSMKDVPLL QFTDITQIGR<br>DIKLTAKPTK E |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | ribD  |
| <b>Protein Names</b>     | Recommended name: Riboflavin biosynthesis protein RibD Including the following 2 domains: Diaminohydroxyphosphoribosylaminopyrimidine deaminase Short name= DRAP deaminase EC= 3.5.4.26 Alternative name(s): Riboflavin-specific  |
| <b>Expression Region</b> | 1-361   |
| <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 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.<br>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.  |