



# Recombinant *Bacillus cereus* Riboflavin biosynthesis protein ribBA (ribBA)

<b>Product Code</b>	CSB-MP733951BAAD
<b>Abbreviation</b>	ribBA
<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>	Q635H0
<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>	MFHRIEEALE DLKQGKVVIV CDDENRENEG DFIALAEYIT PETINFMITH GRGLVCVPIT EGYAERLQLE PMVSHNTDSH HTAFTVSIKH VSTTTGISAH ERATTIQQLL NPASKGADFN RPGHIFPLIA KEGGVLRRAG HTEAAVDLAQ LCGAEPAGVI CEIINEDGAM ARVPDLLQCA KQFDIKMITI EDLIAYRRHH ETLVTREVEI TLPTDFGTFQ AIGYSNSLDT KEHIALVKGD ISTGEPVLVR VHSECLTGDV FGSCRCDCGP QLHAALAEIE REGKGVLLYM RQEGRGIGLL NKLRAYKLQE EGFDTVEANE KLGFPADLRD YGIGAQILKD LGLQHLRLLT NNPRKIAGLQ GYDLTVTERV PLQMPAKEEN KTYLQTKVVK LGHLLNL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ribBA
<b>Protein Names</b>	Recommended name: Riboflavin biosynthesis protein ribBA Including the following 2 domains: 3,4-dihydroxy-2-butanone 4-phosphate synthase Short name= DHBP synthase EC= 4.1.99.12 GTP cyclohydrolase-2 EC= 3.5.4.25 Alterna
<b>Expression Region</b>	1-397
<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. 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.