



# Recombinant Escherichia coli Riboflavin biosynthesis protein ribF (ribF)

<b>Product Code</b>	CSB-EP314845ENV-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P0AG40
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKLIRGIHNL SQAPQEGCVL TIGNFDGVHR GHRALLQGLQ EEGRKRNLPV MVMLFEPQPL ELFATDKAPA RLTRLREKLR YLAECGVYV LCVRFDRRFA ALTAQNFISD LLVKHLRVKF LAVGDDFRFG AGREGDFLLL QKAGMEYGFD ITSTQTFCEG GVRISSTAVR QALADDNLAL AESLLGHPFA ISGRVVHGDE LGRTIGFPTA NVPLRRQVSP VKGVYAVEVL GLGEKPLPGV ANIGTRPTVA GIRQQLEVHL LDVAMDLYGR HIQVVLRKKI RNEQRFASLD ELKAQIARDE LTAREFFGLT KPA
<b>Source</b>	E.coli
<b>Target Names</b>	ribF
<b>Protein Names</b>	Recommended name: Riboflavin biosynthesis protein ribF Including the following 2 domains: Riboflavin kinase EC= 2.7.1.26 Alternative name(s): Flavokinase FMN adenylyltransferase EC= 2.7.7.2 Alternative name(s): FAD py
<b>Expression Region</b>	1-313
<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.