



Recombinant Arabidopsis thaliana Riboflavin biosynthesis protein ribBA, chloroplastic (RIBBA)

Product Code	CSB-EP344102DOA
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.	P47924
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	AAVI SREDDLST NGNTPLSNGS LIDDRTEEPL EADSVSLGTL AADSAPAPAN GFVAEDDDFE LDLPTPGFSS IPEAIEDIRQ GKLVVVVDE DRENEGDLVM AAQLATPEAM AFIVRHGTGI VCVSMKEDDL ERLHLPLMVN QKENEEKLST AFTVTVDKHK GTTTGVVSARD RATTILSLAS RDSKPEDFNR PGHIFPLKYR EGGVLKRRGH TEASVDLTVL AGLDPVGVLC EIVDDDGSM RLPKLREFAA ENNLKVVSIA DLIRYRRKRD KLVERASAAR IPTMWGPFTA YCYRSILDGI EHAMVKGEI GDGQDILVRV HSECLTGDIF GSARCDGCGNQ LALSMQQIEA TGRGVLVYLR GHEGRGIGLG HKLRAYNLQD AGRDTVEANE ELGLPVDSRE YGIGAQIIRD LGVRTMKLMT NNPAYVGLK GYGLAIVGRV PLLSLITKEN KRYLETKRTK MGHMYGLKFK GDVVEKIESE SES
Source	E.coli
Target Names	RIBA1
Protein Names	Recommended name: Riboflavin biosynthesis protein ribBA, chloroplastic 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
Expression Region	57-543
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 of Mature 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.



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