

Riboflavin biosynthesis protein ribBA, chloroplastic (RIBBA) Recombinant Protein | RIBBA recombinant protein

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

CATALOG # AAA115409	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Riboflavin biosynthesis protein ribBA; chloroplastic (RIBBA); Recombinant Arabidopsis thaliana Riboflavin biosynthesis protein ribBA; RIBBA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	57-543, Full length protein
Sequence	AAVISREDDL LSFTNGNTPL SNGSLIDDRT EEPLEADSVS LGTLAADSAP APANGFVAED DDFELDLPTP GFSSIEAIE DIRQGKLVVV VDDRENEG DLVMAAQLAT PEAMAFIVRH GTGIVCVSMK EDDLRLHLP LMVNQKENEE KLSTAFTVTV DAKHGTTTGV SARDRATTIL SLASRDSKPE DFNRPGHIFP LKYREGGVLK RAGHTEASVD LTVLAGLDPV GVLCEIVDDD GSMARLPKLR EFAAENNLKV VSIADLIRYR RKRDKLVERA SAARIPTMWG PFTAYCYRSI LDGIEHAMV KGEIGDGQDI LVRVHSECLT GDIFGSARCD CGNQLALSMQ QIEATGRGVL VYLRGHEGRG IGLGHKLRAY NLQDAGRDTV EANEELGLPV DSREYGIGAQ IIRDLGVRTM KLMTNPPAKY VGLKGYGLAI VGRVPLLSLI TKENKRYLET KRTKMGMHYG LKFKGDVVEK IESESES
Sequence Length	487
Species	Arabidopsis thaliana (Mouse-ear cress)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	79547445
NCBI GeneID	836551
NCBI Accession #	NP_201235.4
NCBI GenBank Nucleotide #	NM_125826.5
UniProt Accession #	P47924 ; Q9SBA8
Molecular Weight	59,056 Da
NCBI Official Full Name	GTP cyclohydrolase II
NCBI Official Symbol	GCH
NCBI Official Synonym Symbols	ARABIDOPSIS THALIANA GTP CYCLOHYDROLASE II; Arabidopsis thaliana riboflavin A1; ATGCH; ATRIBA1; GTP cyclohydrolase II; GTP CYCLOHYDROLASE II; RED FLUORESCENT IN DARKNESS 1; RFD1; RIBA1; riboflavin A1
NCBI Protein Information	GTP cyclohydrolase II

UniProt Protein Name	Bifunctional riboflavin biosynthesis protein RIBA 1, chloroplastic
UniProt Gene Name	RIBA1
UniProt Synonym Gene Names	RIBBA; AtRIBA1; DHBP synthase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/riba1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115409>