

Recombinant Human RTCB Protein, His-tagged

Cat. No. RTCB-396H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RTCB Protein (Met1-Gly505) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gly505
Description	Enables RNA ligase (ATP) activity and vinculin binding activity. Involved in tRNA splicing, via endonucleolytic cleavage and ligation. Located in cytosol and nucleoplasm. Part of tRNA-splicing ligase complex.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 58.9 kDa Accurate Molecular Mass: 59 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

RTCB RNA 2',3'-cyclic phosphate and 5'-OH ligase [Homo sapiens (human)]

Official Symbol

RTCB

Synonyms

FAAP; HSPC117; DJ149A16.6; RP1-149A16.6; RTCB; RNA 2',3'-cyclic phosphate and 5'-OH ligase

Gene ID

51493

mRNA Refseq

NM_014306

Protein Refseq

NP_055121

MIM

613901

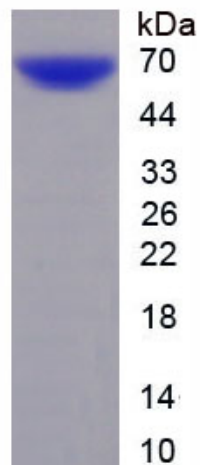
UniProt ID

Q9Y3I0

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