



[Go to Product page](#)

Datasheet for ABIN1508520  
**RTCB Protein (AA 1-432) (His tag)**

### Overview

Quantity:	1 mg
Target:	RTCB
Protein Characteristics:	AA 1-432
Origin:	Mycobacterium tuberculosis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RTCB protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MQVNVATLP GIVRASYAMP DVHWGYGFPI GGVAATDVDN DGVVSPGGVG FDISCGVRLR VGEGLDREEL QPRLPAVMDR LDRAIPRGVG TAGVWRLPDR NTLQEVLTTGG ARFAVEQGHG VALDLERCED GGVMTGADAA KISDRALQRG LGQIGSLGSG NHFLEVQAVD RUYDPVAAAP MGLAEGTVCV MIHTGSRGLG HQICTDHVRQ MEQAMGRYGI AVPDRQLACV PVHSPDGQAY LAAMAAAANY GRANRQLLTE ATRRVFADAT GTPLDLLYDV SHNLAKIETH PIDGQLRSVC VHRKGATRSL PPHHHELPAE LAAVGQPVLI PGTMGATASYV LAGVTGNPAF FSTAAGAGRV LSRHQAARHT SGEAIRASLA KRGIIVRGTS RRGIAEEKPE AYKDVDEVIE ASHQSGLRK VARLVPLGCV KG</p>
Specificity:	Mycobacterium tuberculosis
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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Target: RTCB

Alternative Name: RNA-splicing ligase RtcB (rtcB) ([RTCB Products](#))

Background: Recommended name: RNA-splicing ligase RtcB.  
EC= 6.5.1.-

UniProt: [P71930](#)

## Application Details

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**Comment:** The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Concentration:** 0.2-2 mg/mL

**Buffer:** Tris-based buffer, 50 % glycerol

**Handling Advice:** Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

**Storage:** -20 °C

**Storage Comment:** Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.