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Datasheet for ABIN1665851  
**RIMO Protein (AA 1-451) (His tag)**

### Overview

Quantity:	1 mg
Target:	RIMO
Protein Characteristics:	AA 1-451
Origin:	Bacillus subtilis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RIMO protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MATVAFHTLG CKVNHYTEA IWQLFKEAGY ERRDFEQTAD VVINTCTVT NTGDKKSRQV IRRAIRQNPD GVICVTGCYA QTSPAEMAI PGVDIVVGTQ DREKMLGYID QYREERQPIN GVSNIMKARV YEELDVPAFT DRTRASLKIY EGCNNFCTFC IIPWARGLLR SRDPEEVIKQ AQLVDAGYK EIVLTGIHTG GYGEDMKDYN FAKLLSELDT RVEGVKRIRI SSIEASQITD EVIEVLDRSD KIVNHLHIPI QSGSNTVLKR MRRKYTMEFF ADRLNKLKKA LPGLAVTSDV IVGFPGETEE EFMETYNFIK EHKFSELHVF PYSKRTGTPA ARMEDQVDEN VKNERVHRLI ALSDQLAKEY ASQYENEVLE IPEEAFKET EEENMFVGYT DNYMKVVFVKG TEDMIGKIVK VKILKAGYPY NEGQFVRVVE DEITEHMRLS S
Specificity:	Bacillus subtilis (strain 168)
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: RIMO

Alternative Name: Threonylcarbamoyladenine tRNA methylthiotransferase MtaB (mtaB) ([RIMO Products](#))

Background: Recommended name: Threonylcarbamoyladenine tRNA methylthiotransferase MtaB.  
EC= 2.-.-.  
Alternative name(s): tRNA-t(6)A37 methylthiotransferase

UniProt: [P54462](#)

## 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.