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Datasheet for ABIN1590679  
**RRG1 Protein (AA 1-365) (His tag)**

### Overview

Quantity:	1 mg
Target:	RRG1
Protein Characteristics:	AA 1-365
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RRG1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MAQNFQKIPS HKSIVLSLYR TVLRNIPKCC HSYAFQYEIK KTLKQLFKH KHKSSWSVY TLLNEFSLN NCLLEGKLE IKNLMPKPKK MKKQLETTKI LNSLTSGLDV KTNDPEEVRR FHVLSAYIKR KQDLGLLPAY IPKTYQHKLL LPLALNEHAC LKLFHIQKQL KNGPPSAGLS YTKEGRNQIW FVRSPINKGR QSKKLGILI RKERKDSQKN IDNLNFCEIN AAWALHEAIW EEYLESKKII KVNLPKYLEY AANIPKSTKC NPSSQYQKIK EWVDPVREIM FELHKSQFQR VEYFNKYKEK LLKNGGQLAY FDKKSKEMYA KRLTLFRKMS KETLPYVTLF IEGRDLPSVL AKYGF
Specificity:	Saccharomyces cerevisiae (strain JAY291) (Bakers yeast)
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.
Purity:	> 90 %

## Target Details

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Target:	RRG1
Alternative Name:	Required for respiratory growth protein 1, mitochondrial (RRG1) ( <a href="#">RRG1 Products</a> )
Background:	Recommended name: Required for respiratory growth protein 1, mitochondrial
UniProt:	<a href="#">C7GVS1</a>

## Application Details

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Comment:	<p>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.</p>
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.