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## EIF4A1 Protein (AA 2-406) (His tag)



#### Overview

Quantity:	1 mg
Target:	EIF4A1
Protein Characteristics:	AA 2-406
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF4A1 protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	SASQDSRSR DNGPDGMEPE GVIESNWNEI VDSFDDMNLS ESLLRGIYAY GFEKPSAIQQ
	RAILPCIKGY DVIAQAQSGT GKTATFAISI LQQIELDLKA TQALVLAPTR ELAQQIQKVV
	MALGDYMGAS CHACIGGTNV RAEVQKLQME APHIIVGTPG RVFDMLNRRY LSPKYIKMFV
	LDEADEMLSR GFKDQIYDIF QKLNSNTQVV LLSATMPSDV LEVTKKFMRD PIRILVKKEE
	LTLEGIRQFY INVEREEWKL DTLCDLYETL TITQAVIFIN TRRKVDWLTE KMHARDFTVS
	AMHGDMDQKE RDVIMREFRS GSSRVLITTD LLARGIDVQQ VSLVINYDLP TNRENYIHRI
	GRGGRFGRKG VAINMVTEED KRTLRDIETF YNTSIEEMPL NVADLI
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

#### **Target Details**

Target:	EIF4A1
Alternative Name:	Eukaryotic initiation factor 4A-I (EIF4A1) (EIF4A1 Products)
Background:	Recommended name: Eukaryotic initiation factor 4A-I.
	Short name= eIF-4A-I.
	Short name= eIF4A-I.
	EC= 3.6.4.13.
	Alternative name(s): ATP-dependent RNA helicase eIF4A-1
UniProt:	Q3SZ54

### **Application Details**

#### 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 modificated 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

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.