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Datasheet for ABIN1636553 EIF4A2 Protein (AA 1-407) (His tag)



Overview	
Quantity:	1 mg
Target:	EIF4A2
Protein Characteristics:	AA 1-407
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF4A2 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MSGGSADYSR DHGGPEGMEP DGVIESNWNE IVDNFDDMNL KESLLRGIYA YGFEKPSAIQ
	QRAIIPCIKG YDVIAQAQSG TGKTATFAIS ILQQLEIDLK ETQALVLAPT RELAQQIQKV
	ILALGDYMGA TCHACIGGTN VRNEMQKLQA EAPHIVVGTP GRVFDMLNRR YLSPKWIKMF
	VLDEADEMLS RGFKDQIYEI FQKLSTNIQV VLLSATMPMD VLEVTKKFMR EPIRILVKKE
	ELTLEGIKQF YINVEREEWK LDTLCDLYET LTITQAVIFL NTRRKVDWLT EKMHARDFTV
	SALHGDMDQK ERDVIMREFR SGSSRVLITT DLLARGIDVQ QVSLVINYDL PTNRENYIHR
	IGRGGRFGRK GVAINFVTEE DKRILRDIET FYNTTVEEMP MNVADLI
Specificity:	Gallus gallus (Chicken)
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 %

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Target Details

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Target:	EIF4A2
Alternative Name:	Eukaryotic initiation factor 4A-II (EIF4A2) (EIF4A2 Products)
Background:	Recommended name: Eukaryotic initiation factor 4A-II.
	Short name= eIF-4A-II.
	Short name= eIF4A-II.
	EC= 3.6.4.13.
	Alternative name(s): ATP-dependent RNA helicase eIF4A-2
UniProt:	Q8JFP1
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.

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