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Datasheet for ABIN1620924 MASA Protein (AA 1-259) (His tag)

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Purity:

> 90 %

Quantity:	1 mg	
Target:	MASA (ENOPH1)	
Protein Characteristics:	AA 1-259	
Origin:	Xenopus tropicalis	
Source:	Yeast	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This MASA protein is labelled with His tag.	
Application:	ELISA	
Product Details		
Sequence:	MALFSVPPPV TVILLDIEGT TTPITFVKDV LFPYVKENIK KYLLEHWQEK ECQEDVTQLQ KQAEKDSHLD GFVPIPSGVS DNTTEHMIQA VVDNVYWQMS FDRKTTALKQ LQGHMWRSAY ISGQLKGEVY EDVVPSIRQW RELGIKLYIY SSGSIDAQKL LFGYSIEGDL LKLLDGHFDT NIGHKVESKS YRNIADNIGC LPENILFLTD VVKEALAAEK AGLHVAVVVR PGNAALTDED KSNCCCITSF HQIHFPSQK	
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)	
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.	

Target Details

Target:	MASA (ENOPH1)	
Alternative Name:	Enolase-phosphatase E1 (enoph1) (ENOPH1 Products)	
Background:	Recommended name: Enolase-phosphatase E1. EC= 3.1.3.77.	
	Alternative name(s): 2,3-diketo-5-methylthio-1-phosphopentane phosphatase MASA homolog	
UniProt:	Q28C69	
Pathways:	Methionine Biosynthetic Process	

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.	