

Datasheet for ABIN1459459  
**YWHAB Protein (AA 1-246) (His tag)**



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## Overview

Quantity:	1 mg
Target:	YWHAB
Protein Characteristics:	AA 1-246
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This YWHAB protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MTMDKSELVQ KAKLAEQAER YDDMAAAMKA VTEQGHESLN EERNLLSVAY KNVVGARRSS WRVISSIEQK TERNEKKQQM GKEYREKIEA ELQDICNDVL QLLDKYLIPN ATQPESKVFY LKMKGDYFRY LSEVASGDNK QTTVSNSQQA YQEAFEISKK EMQPTHPIRL GLALNFSVFY YEILNSPEKA CSLAKTAFDE AIAELDTLNE ESYKDSTLIM QLLRDNLTLW TSENQGDEGD AGEGEN
Specificity:	Bos taurus (Bovine)
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

Target:	YWHAB
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## Target Details

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Alternative Name: 14-3-3 protein beta/alpha (YWHAB) ([YWHAB Products](#))

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Background: Recommended name: 14-3-3 protein beta/alpha.  
Alternative name(s): Protein kinase C inhibitor protein 1.  
Short name= KCIP-1 Cleaved into the following chain: 1.  
14-3-3 protein beta/alpha, N-terminally processed

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UniProt: [P68250](#)

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Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Myometrial Relaxation and Contraction](#), [Maintenance of Protein Location](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Concentration: 0.2-2 mg/mL

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Buffer: Tris-based buffer, 50 % glycerol

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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