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## Datasheet for ABIN1636830 WEE1 Protein (AA 1-500) (His tag)

### Overview

Quantity:	1 mg
Target:	WEE1
Protein Characteristics:	AA 1-500
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This WEE1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>                     MFEKNGRTLL AKRKTQGTIK TRASKKIRKM EGTLEHSL QFGQLSKISF ENRPSSNVAS                      SAFQGLLDSD SSELRNQLGS ADSDANCEGK DFILSQDFFC TPDYITPDNQ NLMSGDLISK                      DHSPCPRSPV KLNTVSKSKRC RQESFTGNHS NSTWSSKHRV DEQENDIDT DEVMGDKLQA                      NQTERTGYVS QAAVALRCRA MPPPCLKNPY VLNQSETATD PFGHQRSKCA SFLPVSTSGD                      GLSRYLTDFH EIRQIGAGHF SRVFKVLKRM DGCLYAVKHS TRKLYLDSER RKAMMEVQAL                      AALGFHENIV GYYSSWFENE QLYIQLELCD HSLSALPKKS SLKVSEREIL VIMHQIAKAL                      HFVHEKGIAH LDVKPDNIYI KNGVCKLGDF GCATRLDKSL PVEEGDARYM PQEILNEDYE                      HLDKVDIFSL GVTVYELIKG SPLTESRNQS LNIKEGKLPL LPGHSLQLQQ LLKTMMDRDP                      KRRPSARELL DHPMFDRIRG                 </p>
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: WEE1

Alternative Name: Wee1-like protein kinase (WEE1) ([WEE1 Products](#))

Background: Recommended name: Wee1-like protein kinase.  
EC= 2.7.10.2.  
Alternative name(s): Wee1-At

UniProt: [Q8L4H0](#)

Pathways: [Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#), [M Phase](#)

## 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 modiflicated 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

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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

## Handling

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