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Datasheet for ABIN1618465  
**MADS18 Protein (AA 1-249) (His tag)**

### Overview

Quantity:	1 mg
Target:	MADS18
Protein Characteristics:	AA 1-249
Origin:	Oryza sativa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MADS18 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MGRGPVQLRR IENKINRQVT FSKRRNGLLK KAHEISVLCD ADVALIVFST KGKLYEFSSH SSMEGILERY QRYSFDERAV LEPNTEDQEN WGDEYGILKS KLDALQKSQR QLLGEQLDTL TIKELQQLQH QLEYSKHIR SKKNQLLFES ISELQKKEKS LKNQNNVLQK LMETEKEKNN AIINTNREEQ NGATPSTSSP TPVTAPDPIP TTNNSQSQPR GSGESEAQPS PAQAGNSKLP PWMLRTSHT
Specificity:	Oryza sativa subsp. japonica (Rice)
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

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Target: MADS18

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Abstract: [MADS18 Products](#)

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Background: Recommended name: MADS-box transcription factor 18.  
Alternative name(s): FDRMADS7 MADS-box protein 2 MADS-box protein 28 OsMADS18  
OsMADS2 OsMADS28

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UniProt: [Q0D4T4](#)

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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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