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Datasheet for ABIN1640898  
**HTR12 Protein (AA 2-178) (His tag)**

### Overview

Quantity:	1 mg
Target:	HTR12
Protein Characteristics:	AA 2-178
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HTR12 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	ARTKHRVTR SQPRNQTDAA GASSQAAGP TTPTRRGGE GGDNTQQTNP TTSPATGTRR GAKRSRQAMP RGSQKKSRYR RPTVALKEI RHFQKQTNLL IPAASFIREV RSITHMLAPP QINRWTAEL VALQEAEDY LVGLFSDSML CAIHARRVTL MRKDFELARR LGGKGRPW
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.
Purity:	> 90 %

### Target Details

Target:	HTR12
Alternative Name:	Histone H3-like centromeric protein HTR12 (HTR12) ( <a href="#">HTR12 Products</a> )

## Target Details

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Background: Recommended name: Histone H3-like centromeric protein HTR12.  
Alternative name(s): Centromeric histone CENH3

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UniProt: [Q8RVQ9](#)

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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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