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Datasheet for ABIN1660020  
**LOC100836723 Protein (AA 1-206) (His tag)**

### Overview

Quantity:	1 mg
Target:	LOC100836723
Protein Characteristics:	AA 1-206
Origin:	Zea mays
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LOC100836723 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	AVFTVVNQCP FTVWAASVPV GGGRQLNRGE SWRITAPAGT TAARIWARTG CQFDASGRGS CRTGDCCGGVV QCTGYGRAPN TLAEYALKQF NNLDFFDISI LDGFNVPYSF LPDGGSGCSR GPRCAVDVNA RCPAELRQDG VCNNACPVKF KDEYCCVGS A ANNCHPTNYS RYFKGQCPDA YSYPKDDATS TFTCPAGTNY KVVFCP
Specificity:	Zea mays (Maize)
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:	LOC100836723
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## Target Details

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Alternative Name: [Alpha-amylase/trypsin inhibitor \(LOC100836723 Products\)](#)

Background: Recommended name: Alpha-amylase/trypsin inhibitor.  
Alternative name(s): Antifungal protein

UniProt: [P13867](#)

## 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.

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

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