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Datasheet for ABIN1628613

**Major Allergen Mal D 1 Protein (LOC100812065) (AA 2-159)
(His tag)**

Overview

Quantity:	1 mg
Target:	Major Allergen Mal D 1 (LOC100812065)
Protein Characteristics:	AA 2-159
Origin:	Apple
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Major Allergen Mal D 1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GVYTFENEY TSEIPPPRLF KAFVLDADNL IPKIAPQAIK HAEILEGDGG PGTIKKITFG EGSQYGYVKH KIDSVDEANY SYAYTLIEGD ALTDITIEKVS YETKLVASGS GSIKSI SHY HTKGDVEIKE EHV KAGKEKA HGLFKLIESY LKGHPDAYN
Specificity:	Malus domestica (Apple) (Pyrus malus)
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:	Major Allergen Mal D 1 (LOC100812065)
Alternative Name:	Major allergen Mal d 1

Target Details

Background:	Recommended name: Major allergen Mal d 1. Alternative name(s): AP15 Allergen Mal d I Allergen= Mal d 1
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UniProt:	Q40280
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Application Details

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.
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Restrictions:	For Research Use only
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Handling

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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