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## Datasheet for ABIN1610628 **PFN1 Protein (AA 2-131) (His tag)**

### Overview

Quantity:	1 mg
Target:	PFN1
Protein Characteristics:	AA 2-131
Origin:	Timothy grass (Phleum pratense)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFN1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	SWQTYVDEH LMCEIEGHHL ASAILGHDG TVWAQSADFP QFKPEEITGI MKDFDEPGHL APTGMFVAGA KYMVIQGEPEG RVIRGKKGAG GITIKKTGQA LVVGIYDEPM TPGQCNMVVE RLGDYLVEQG M
Specificity:	Phleum pratense (Common timothy)
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:	PFN1
Alternative Name:	Profilin-1 (PRO1) ( <a href="#">PFN1 Products</a> )

## Target Details

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Background:	Recommended name: Profilin-1. Alternative name(s): Allergen Phl p 11 Pollen allergen Phl p 12 Allergen= Phl p 12
UniProt:	<a href="#">P35079</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization, Tube Formation, Maintenance of Protein Location</a>

## 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.