

Datasheet for ABIN7479458

**Nuclease P1 Protein (AA 1-270) (His tag)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Nuclease P1
Protein Characteristics:	AA 1-270
Origin:	Penicillium sp.
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nuclease P1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	WGALGHATVA YVAQHYSPE AASWAQGILG SSSSYLASI ASWADEYRLT SAGKWSASLH FIDAEDNPPT NCNVDYERDC GSSGCSISAI ANYTQRVSDS SLSENHAEA LRFLVHFIGD MTQPLHDEAY AVGGNKINVT FDGYHDNLHS DWDTYMPQKL IGGHALSDAE SWAKTLVQNI ESGNYTAQAI GWIKGDNISE PITTATRWAS DANALVCTVV MPHGAAALQT GDLYPTYYDS VIDTIELQIA KGGYRLANWI NEIHGSEIAK
Specificity:	Penicillium citrinum
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:	Nuclease P1
Abstract:	<a href="#">Nuclease P1 Products</a>
Background:	Recommended name: Nuclease P1. EC= 3.1.30.1. Alternative name(s): Deoxyribonuclease P1 Endonuclease P1
UniProt:	<a href="#">P24289</a>

## Application Details

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Comment:	<p>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.</p>
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.