

Datasheet for ABIN1477675  
**NPM1 Protein (AA 1-299) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NPM1
Protein Characteristics:	AA 1-299
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPM1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MEDSMDMDNI APLRPQNFLF GCELKADKKE YSFKVEDDEN EHQLSLRTVS LGASAKDELH VVEAEGINYE GKTIKIALAS LKPSVQPTVS LGGFEITPPV ILRLKSGSGP VYVSGQHLVA LEDLESSDDE DEEHEPSPKN AKRIAPDSAS KVPRKTRLE EEEEDSDEDD DDEDDDDDED DDEEEEETPV KKTDSTKSKA AQQLNHNGKA SALSTTQKTP KTPEQKGGKQD TKPQTPKTPK TPLSSEEIKA KMQTYLEKGN VLPKVEVKFA NYVKNCFRTE NQKVIEDLWK WRQSLKDGK
Specificity:	Xenopus laevis (African clawed frog)
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:	NPM1
Alternative Name:	Nucleophosmin (npm1) ( <a href="#">NPM1 Products</a> )
Background:	Recommended name: Nucleophosmin. Short name= NPM. Alternative name(s): Nucleolar phosphoprotein B23 Nucleolar protein NO38 Numatrin
UniProt:	<a href="#">P07222</a>
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly</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.