

[Go to Product page](#)

Datasheet for ABIN1477540

**IMPA1 Protein (AA 1-285) (His tag)**

## Overview

Quantity:	1 mg
Target:	IMPA1
Protein Characteristics:	AA 1-285
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IMPA1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MEDRWQECMD FLAVSIARKA GSVVCAALKE DVSIMVKTSL APADLVTATD QKVEEMIISS IKEKYP SHSF IGEESVAAGA GSTLTDNPTW IIDPIDGTTN FVHRFPFVAV SIGFAVHKQV EFGVVYSCVE DKMYTGRKGK GSFCNGQKLQ VSGQKDITKS MIITELGSNR NPEFIKTVSL SNMERLLCIP IHGIRAVGTA AVNMCLVATG GADAYYEMGL HCWDMAAASV IVTEAGGTIL DATGGLFDLM SCRISASSR EIAERIAKEL QIIPLERDDG KSTNS
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

---

Target:	IMPA1
Alternative Name:	Inositol monophosphatase 1 (impa1) ( <a href="#">IMPA1 Products</a> )
Background:	Recommended name: Inositol monophosphatase 1. Short name= IMP 1. Short name= IMPase 1. EC= 3.1.3.25. Alternative name(s): Inositol-1(or 4)-monophosphatase 1
UniProt:	<a href="#">P29219</a>

## 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 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

---

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.