

Datasheet for ABIN1632820

## PAPD4 Protein (AA 1-489) (His tag)



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### Overview

Quantity:	1 mg
Target:	PAPD4
Protein Characteristics:	AA 1-489
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAPD4 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MLPRPYIFSH NDGPSSHLFQ HVLPHNVSQQ QRIEAHLNST NNFIGPPMNA PRFIPTYQWT</p> <p>PVELSDVACS PNGPMGNNRK RRIQDNSDIN LKRQRFSCPS PHNQSARNSN FTSQPVTRPV</p> <p>TGREVTCPTC SSATFIPGGC VPSLGETCHQ NAFSPSSVKD KLSQQILNLF FACEQQSDDL</p> <p>EKKESCRAAL QTDIQKIFPC AKVFLGGSSL NGFGSRSSDA DLCLVIEEGP VNHRKDAVYV</p> <p>LSLVRKLLYK LSYIEKPQLI RAKVPIVKFR DRISGVEFDL NFNNTVGIRN TFLLRTYAFV</p> <p>EKRVRPLVLV IKKWANHHC I NDASRGTLSS YTLVLMVLHY LQTLPEPVIP CLQRDYPTCF</p> <p>DPKMDIHLVP SGPSDIPAFV SRNQSSLGDL FLGFLRYAT VFKWDKQVIS VRMARTLPKS</p> <p>NCKEWDKFI CVEEPFNRTN TARAVHERMK FEAIAAFIE SHRLLQLRKD LNFILPKSKQ</p> <p>MARPQTAPR</p>
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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.

## Product Details

Purity: > 90 %

## Target Details

Target: PAPD4

Alternative Name: Poly (A) RNA polymerase GLD2 (papd4) ([PAPD4 Products](#))

Background: Recommended name: Poly(A) RNA polymerase GLD2.  
EC= 2.7.7.19.  
Alternative name(s): PAP-associated domain-containing protein 4

UniProt: [Q503I9](#)

## 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.