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Datasheet for ABIN1666684  
**RPL4 Protein (AA 1-396) (His tag)**

### Overview

Quantity:	1 mg
Target:	RPL4
Protein Characteristics:	AA 1-396
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPL4 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MAVSMACARP LISVYSEKGE SSGKNVTMPA VFRAPIRPDI VNFVHTNLRK NNRQPYAVSK LAGHQ TSAES WGTGRAVARI PRVRGGGTHR SGQGAFGNMC RGGRMFAPTK TWRRWHRRVN TTQKRYAVCS ALAASALPAL IMSKGHRIEE IPEVPLVED KVESYKKTKE AVLLLLKLLKA WNDIKKVYAS QRM RAGK GKM RNRRIQR RG PCVIYNENNG LVKA FRNIPG I TLLNVSKLN LLRLAPGGHV GRFCIWTESA FRK LDDLYGT WRKSAK LKAD YNLPMHKMTN TDLTRILKSQ EIQRALRAPN KVKRRELKK NPLKNLRIMM RLNPYAKTAR RHAILQQL EN IKAKEKKPDD GKPKAKKPLD AKTKMIKLAK AKKRQAREAA KAAETK
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:	RPL4
Alternative Name:	60S ribosomal protein L4-A (rpl4-a) ( <a href="#">RPL4 Products</a> )
Background:	Recommended name: 60S ribosomal protein L4-A. Alternative name(s): L1A
UniProt:	<a href="#">P08429</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.