

Datasheet for ABIN1611815

## Uracil Phosphoribosyltransferase (UPP) (AA 1-208) protein (His tag)



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### Overview

|                               |                                        |
|-------------------------------|----------------------------------------|
| Quantity:                     | 1 mg                                   |
| Target:                       | Uracil Phosphoribosyltransferase (UPP) |
| Protein Characteristics:      | AA 1-208                               |
| Origin:                       | Yersinia pseudotuberculosis            |
| Source:                       | Yeast                                  |
| Protein Type:                 | Recombinant                            |
| Purification tag / Conjugate: | His tag                                |
| Application:                  | ELISA                                  |

### Product Details

|                  |                                                                                                                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | MKIVEVKHPL VKHKLGLMRE NDISTKRFRE LASEVGSLLT YVATADLETE TVTIEGWNGP<br>VEIEQIKGKK ITVVPILRAG LGMMEGVLEN VPSARISVVG VYRDEETLKP VPYFQKLVS<br>INERMALVVD PMLATGGSMI ATIDLLKKAG CQSIKVLVLV AAPEGIKALE EAHPDVELYT<br>ASIDQGLNEH GYIIPGLGDA GDKIFGTK |
| Specificity:     | Yersinia pseudotuberculosis serotype O:3 (strain YPIII)                                                                                                                                                                                      |
| 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: | Uracil Phosphoribosyltransferase (UPP) |
|---------|----------------------------------------|

## Target Details

Abstract: [UPP Products](#)

Background: Recommended name: Uracil phosphoribosyltransferase.  
EC= 2.4.2.9.  
Alternative name(s): UMP pyrophosphorylase UPRTase

UniProt: [B1JSF5](#)

## 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 modiflicated 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.