

Datasheet for ABIN1477487

**CSNK1A1 Protein (AA 1-337) (His tag)**[Go to Product page](#)

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | CSNK1A1  |
| Protein Characteristics:      | AA 1-337                                       |
| Origin:                       | Xenopus laevis                                 |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                    |
| Purification tag / Conjugate: | This CSNK1A1 protein is labelled with His tag. |
| Application:                  | ELISA  |

## Product Details

|                  |   |
|------------------|---|
| Sequence:        | MASSSGSKAE FIVGGKYKLV RKIGSGSFGD IYLAINITNG EEVAVKLESQ KARHPQLLYE<br>SKLYKILQGG VGIPHIRWYG QEKDYNVLM DLLGPSLEDL FNFCRRFTM KTVLMLADQM<br>ISRIEYVHTK NFIHRDIKPD NFLMGIGRHC NKLFLIDFGL AKKYRDNRTR QHIPYREDKN<br>LTGTARYASI NAHLGIEQSR RDDMESLGYV LMYFNRTSLP WQGLKAATKK QKYEKISEKK<br>MSTPVEVLCK GFPAEFAMYL NYCRLRFEE APDYMYLRQL FRILFRTLNH QYDYTFDWTM<br>LKQKAAQQA SSSGQGQQAQ TPTGKQTDKS KSNMKGK |
| 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:           | CSNK1A1   |
| Alternative Name: | Casein kinase I isoform alpha (csnk1a1) ( <a href="#">CSNK1A1 Products</a> )  |
| Background:       | Recommended name: Casein kinase I isoform alpha.<br>Short name= CKI-alpha.<br>EC= 2.7.11.1.<br>Alternative name(s): CK1 |
| UniProt:          | <a href="#">P67963</a>  |
| Pathways:         | <a href="#">WNT Signaling</a> , <a href="#">Hedgehog Signaling</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 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

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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.                                |