

Datasheet for ABIN7590505  
**CLP1 Protein (AA 1-425) (His tag)**



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## Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 100 µg                                      |
| Target:                       | CLP1                                        |
| Protein Characteristics:      | AA 1-425                                    |
| Origin:                       | Rat                                         |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This CLP1 protein is labelled with His tag. |
| Application:                  | ELISA                                       |

## Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | <p>MSEESNDDKK PTTKFELERE TELRFEVEAS QSVQLELLAG MAEIFGTELT RNKKFTFDAG</p> <p>AKVAVFTWHG CSLQLSGRTE VAYVSKDTPM LLYLNTH TAL EQMRRQAEKE EERGPRVMVV</p> <p>GPTDVGKSTV CRLLLNYAVR LGRRPTYVEL DVGQGSVSIP GTMGALYIER PADVEEGFSI</p> <p>QAPLVYHFGS TTPGTNIKLY NKITSRLADV FNQRCEVNRR ASVSGCVINT CGWVKGYGYQ</p> <p>ALVHAASAFE VDVVVVLDQE RLYNELKRDL PHFVRTVLLP KSGGVVERSK DFRRECRDER</p> <p>IREFYFGFRG CFYPHAFNVK FSDVKIYKVG APTIPDSCLP LGMSQEDNQL KLVPTVTPGRD</p> <p>MVHHLLSVST AEGTEENLSE TSVAGFIVT SVDVEHQVFT VLSPAPRPLP KNFLLIMDIR FMDLK</p> |
| Specificity:     | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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:           | CLP1                                                                                                                                                                        |
| Alternative Name: | Polyribonucleotide 5-hydroxyl-kinase Clp1 (Clp1) ( <a href="#">CLP1 Products</a> )                                                                                          |
| Background:       | Recommended name: Polyribonucleotide 5'-hydroxyl-kinase Clp1.<br>EC= 2.7.1.78.<br>Alternative name(s): Polynucleotide kinase Clp1 Pre-mRNA cleavage complex II protein Clp1 |
| UniProt:          | <a href="#">Q5PQL4</a>                                                                                                                                                      |
| Pathways:         | <a href="#">Ribonucleoprotein Complex Subunit Organization</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.                                |