

Datasheet for ABIN1638869  
**HAT1 Protein (AA 1-468) (His tag)**



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## Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 1 mg                                        |
| Target:                       | HAT1                                        |
| Protein Characteristics:      | AA 1-468                                    |
| Origin:                       | Zea mays                                    |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This HAT1 protein is labelled with His tag. |
| Application:                  | ELISA                                       |

## Product Details

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|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | MALKQKDTDA AATATGTTKR RRVFFSDDA GVEANECMKV FLVWNPGEVS SVDCTAIQPF<br>DLNHFFGEDG KIYGYKNLKI NVWISAKSFH GYADVDFDET SDGGKGITDL KPVLQNIQGE<br>NLVEKEEFLH TFSKECEYIR TAVTNGSAIK HDGSYESDPA VEIVRVELQG AAFLYSRLV<br>PLVLLLVEGS TPIDIGEHW EMLLVVKKAT QEAGSKFELL GFAAVHNFYH YPESIRLRIS<br>QILVLPYQG EGHGLGLEA INYIAQSENI YDVTIESPSD YLQYVRSSID CLRLLMFDPI<br>KPALGAVLS LKETNLSKRA QSLRMVPPAD LMETVRQKIK INKKQFLRCW EILVFLSLDS<br>QDHKSMNFR ACIYDRMKGE ILGSASGTNR KRLQMPTSF NKEASFAVYW TQIEDEDEQ<br>TVEQQPEDLK TQEQQLNELV DIQIEIAGV AKNVTSRCKD KMTLVVQ |
| Specificity:     | Zea mays (Maize)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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

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Purity: > 90 %

## Target Details

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Target: HAT1

Alternative Name: Histone acetyltransferase type B catalytic subunit (HAT1) ([HAT1 Products](#))

Background: Recommended name: Histone acetyltransferase type B catalytic subunit.  
EC= 2.3.1.48.  
Alternative name(s): Histone acetyltransferase HAT B Histone acetyltransferase HAT-B-p50

UniProt: [Q8LPU4](#)

## 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.