

Datasheet for ABIN7278983  
**HAT1 Protein (AA 20-341) (His tag)**[Go to Product page](#)

## 1 Image

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | HAT1  |
| Protein Characteristics:      | AA 20-341                                   |
| Origin:                       | Human                                       |
| Source:                       | Escherichia coli (E. coli)                  |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This HAT1 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                              |

## Product Details

|                  |  |
|------------------|--|
| Characteristics: | HAT1, 20-341aa, Human, His tag, E.coli |
| Purity:          | > 90 % by SDS-PAGE                     |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | HAT1   |
| Alternative Name: | HAT1 ( <a href="#">HAT1 Products</a> )   |
| Background:       | HAT1, also known as histone acetyltransferase 1, is a type B histone acetyltransferase (HAT) that is involved in the rapid acetylation of newly synthesized cytoplasmic histones, which are in turn imported into the nucleus for de novo deposition onto nascent DNA chains. Histone acetylation, particularly of histone H4, plays an important role in replication-dependent chromatin assembly. Specifically, this HAT can acetylate soluble but not nucleosomal histone |

Target Details

H4 at lysines 5 and 12, and to a lesser degree, histone H2A at lysine 5. Recombinant HAT1 protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: KAT1, Histone acetyltransferase 1 HAT 1, Histidine aminotransferase 1, Histone acetyltransferase type B catalytic subunit. NCBI no.: NP\_003633

Molecular Weight: 40.1 kDa (343aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

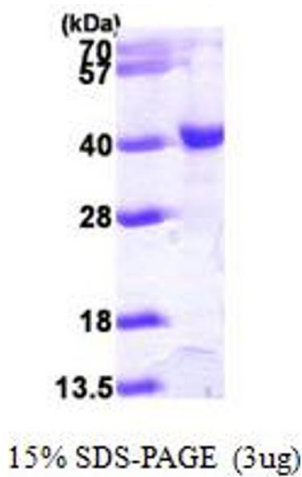
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT.

Storage: 4 °C

Images



**SDS-PAGE**

Image 1.