

Datasheet for ABIN2723976

**KAT5 Protein (Transcript Variant 3) (Myc-DYKDDDDK Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	20 µg
Target:	KAT5
Protein Characteristics:	Transcript Variant 3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KAT5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human KAT5 (transcript variant 3) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	KAT5
Alternative Name:	Kat5 ( <a href="#">KAT5 Products</a> )
Background:	The protein encoded by this gene belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription and other nuclear processes by acetylating histone and nonhistone proteins. This protein is a histone acetylase that has a role

## Target Details

in DNA repair and apoptosis and is thought to play an important role in signal transduction.  
Alternative splicing of this gene results in multiple transcript variants.

Molecular Weight: 52.9 kDa

NCBI Accession: [NP\\_874368](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

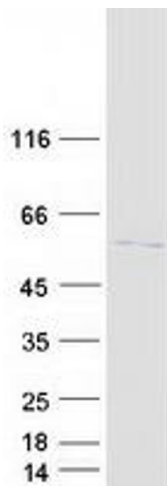
Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images



### Western Blotting

**Image 1.** Validation with Western Blot