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Datasheet for ABIN1512161  
**KAT2A Protein (AA 1-439) (His tag)**

## Overview

Quantity:	1 mg
Target:	KAT2A
Protein Characteristics:	AA 1-439
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KAT2A protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MVTKHQIEED HLDGATTDPE VKRVKLENNV EEIQPEQAET NKQEGTDKEN KGKFEKETER IGGSEVVTDV EKGIVKFEFD GVEYTFKERP SVVEENEGKI EFRVVNDNT KENMMVLTGL KNIFQKQLPK MPKEYIARLV YDRSHLSMAV IRKPLTVVGG ITYRPFDKRE FAEIVFCAIS STEQVRGYGA HLMNHLKDYV RNTSNIKYFL TYADNYAIGY FKKQGFTKEI TLDKSIWMGY IKDYEGGTLM QCSMLPRIRY LDAGKILLQ EAALRRKIRT ISKSHIVRPG LEQFKDLNNI KPIDPMTIPG LKEAGWTPEM DALAQRPKRG PHDAAIQNIL TELQNHAAAW PFLQPVNKEE VPDYDFIKE PMDLSTMEIK LESNKYQKME DFIYDARLVF NNCRMYNGEN TSYYKYANRL EKFFNKNVKE IPEYSHLID
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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: KAT2A

Alternative Name: Histone acetyltransferase GCN5 (GCN5) ([KAT2A Products](#))

Background: Recommended name: Histone acetyltransferase GCN5.  
EC= 2.3.1.48

UniProt: [Q03330](#)

Pathways: [Chromatin Binding, Tube Formation](#)

## 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.