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Datasheet for ABIN1615482

**HDAC6 Protein (AA 1-471) (His tag)**

## Overview

Quantity:	1 mg
Target:	HDAC6
Protein Characteristics:	AA 1-471
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HDAC6 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MEADESGISL PSGPDGRKRR VSYFYPTIG DYYYGQGHM KPHRIRMAHS LIIHYHLHRR LEISRPSLAD ASDIGRFHSP EYVDFLASVS PESMGDPSAA RNLRRFNVGE DCPVFDGLFD FCRASAGGSI GAAVKLNQRD ADIAINWGGG LHHAKKSEAS GFCYVNDIVL GILELLKMFK RVLYIDIDVH HGDGVVEAFY TTDRVMTVSF HKFGDFFPGT GHIRDVGAEK GKYYALNVPL NDGMDDSEFR SLFRPLIQKV MEVYQPEAVV LQCGADSLSG DRLGCFNLSV KGHADCLRFL RSYNVPLMVL GGGGYTIRNV ARCWCYETAV AVGVEPDNKL PYNEYFEYFG PDYTLHVDPS PMENLNTPKD MERIRNTLLE QLSGLIHAPS VQFQHTPPVN RVLDEPEDDM ETRPKPRIWS GTATYESDSD DDDKPLHGYS CRGGATTDRD STGEDEMDDD NPEPDVNPPS S
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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: HDAC6

Alternative Name: Histone deacetylase 6 (HDA6) ([HDAC6 Products](#))

Background: Recommended name: Histone deacetylase 6.  
EC= 3.5.1.98

UniProt: [Q9FML2](#)

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

## 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 modiflicated 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

## Handling

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.