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## Datasheet for ABIN1459125 HDAC2 Protein (AA 1-488) (His tag)

### Overview

Quantity:	1 mg
Target:	HDAC2
Protein Characteristics:	AA 1-488
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HDAC2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MAYSQGGGKK KVCYYYDGGI GNYYYGQGHP MKPHRIRMTH NLLLNYGLYR KMEIYRPHKA TAEEMTKYHS DEYIKFLRSI RPDNMSEYSK QMQRFNVGED CPVFDGLFEF CQLSTGGSVA GAVKLNRRQT DMAVNWAGGL HHAKKSEASG FCYVNDIVLA ILELLKYHQR VLYIDIDIHH GDGVVEAFYT TDRVMTVSEV SMVNNFPGTG DLRDIGAGKG KYAVNFPMR DGIDDESYGQ IFKPIISKVM EMYQPSAVVL QCGADSLSGD RLGCNLTVK GHAKCVEVVK TFNLPLLMLG GGGYTIRNVA RCWTYETAVA LDCEIPNELP YNDYFEYFGP DFKLHISPSN MTNQNTPEYM EKIKQRLFEN LRMLPHAPGV QMQAIPEDAV HEDSGDEDEGE DPKKRISIRA SDKRIACDEE FSDSEDEGEG GRRNVADHKK GAKKARIEED KKETEDKKAD VKEEDKSKDN SGEKTDTKGA KSEQLSNP
Specificity:	Gallus gallus (Chicken)
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: HDAC2

Abstract: [HDAC2 Products](#)

Background: Recommended name: Histone deacetylase 2.  
Short name= HD2.  
EC= 3.5.1.98

UniProt: [P56519](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Regulation of Muscle Cell Differentiation](#), [Negative Regulation of intrinsic apoptotic Signaling](#), [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

## 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

## Handling

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Storage: -20 °C

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