Datasheet for ABIN7584651

HDAC2 Protein (AA 1-387) (His tag)

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Overview

Quantity:	100 µg
Target:	HDAC2
Protein Characteristics:	AA 1-387
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HDAC2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTHTRVISTW TELTRDLAIY LLFTFFAIKV FKFLFSCNRT SEISSFSMAT HPEALRRERI LNSKLYFDVP LSKVSIIYSS SYDISFMGIE KLHPFDSSKW GRVCKFLVSD GFLEEKAIVE PLEASKIDLL VVHSENYLNS LKSSATVARI TEVAPVAFFP NFLVQQKVLY PFRKQVGGTI LAAKLATERG WAINIGGGFH HCTAERGGGF CAFADISLCI HFAFLRLRIS RVMIIDLDAH QGNGHETDLG DDNRVYILDM YNPEIYPFDY RARRFIDQKV EVMSGTTTDE YLRKLDEALE VASRNFQPEL VIYNAGTDIL DGDPLGLLKI SPDGITSRDE KVFRFAREKN IPLVMLTSGG YMKSSARVIA DSIENLSRQG LIQTRPE
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	HDAC2
Alternative Name:	Histone deacetylase 2 (HDA2) (HDAC2 Products)
Background:	Recommended name: Histone deacetylase 2. EC= 3.5.1.98
UniProt:	Q944K3
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

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 modificated 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

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.