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Datasheet for ABIN1616174 HDAC3 Protein (AA 1-428) (His tag)

Overview

Quantity:	1 mg
Target:	HDAC3
Protein Characteristics:	AA 1-428
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HDAC3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAKTVAIFYD PDVGNFHYGT GHPMKPHRLS LTHSLVLHYG LYKKMIVFKP YQASQHDMCR FHSEDIIDFL QRVSPNNMQG FTKSLNAFNV GDDCPVFPGL FEFCSRYTGA SLQGATQLNN KICDIANWA GGLHHAKKFE ASGFCYVNDI VIGILELLKY HPRVLYVDID IHGDBGVQEA FYLTDRVMTV SFHKYGNFYFF PGTGDMYEVG AESGRYYCLN VPLRDGIDDQ SYRHLFQPVI KQVIDFYQPT CIVLQCGADS LGCDRLGCFN LSIRGHGECV QYVKSFNIPL LVLGGGGYTV RNVARCWTYE TSLLVDETIS EELPYSEYFE YFAPDFTLHP DVSTRIENQN SRQYLDQIRQ TIFENLKMLN HAPSVQIHDV PSDILSYERT DEPDPEERGS EDNYSRPEAS NEFYDGDHDN DKESDVEI
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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

Purity: > 90 %

Target Details

Target: HDAC3

Abstract: [HDAC3 Products](#)

Background: Recommended name: Histone deacetylase 3.
Short name= HD3.
EC= 3.5.1.98

UniProt: [Q28DV3](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#)

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 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

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

Storage: -20 °C

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