Datasheet for ABIN1612909

HDAC3 Protein (AA 1-428) (His tag)

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Overview

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

Product Details

Sequence:	MAKTVAYFYD PDVGNFHYGT GHPMKPHRLS LTHSLVLHYG LYKKMIVFKP YQASQHDMCR FHSEDYIDFL QRVSPNNMQG FTKSLNAFNV GDDCPVFPGL FEFCSRYTGA SLQGATLLNN KNCDIAINWA GGLHHAKKFE ASGFCYVNDI VIGILELLKY HPRVLYIDID IHHGDGVQEA FYLTDRVMTV SFHKYGNYFF PGTGDMYEVG AESGRYYCLN VPLRDGIDDQ SYRHLFQPVI KQVIDFYQPT CIVLQCGADS LGCDRLGCFN LSIRGHGECV QYVKSFNIPL LVLGGGGYTV RNVARCWTYE TSLLVDETIS EELPYSEYFE YFAPDFTLHP DVSTRIENQN SRQYLDQIRQ TVFESLKMLN HAPSVQIHDV PSDILNYERT DEPDPEERGG EDNYSRPEAS NEFYDGDHDN DKESDVEI
Specificity:	Xenopus laevis (African clawed frog)
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.

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:	Q6IRL9
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 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

Handling

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

