Datasheet for ABIN7588219

NUDT12 Protein (AA 1-444) (His tag)

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Overview

Quantity:	100 µg
Target:	NUDT12
Protein Characteristics:	AA 1-444
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUDT12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSVKRSLNQ EIISQFHYSA AEGDIAKLTA ILSHSPSLLN ETSENGWSAL ICDRSIVNKS RQTALDIAKF WGYKHIANLL ANAKGGKKPW FLTNEVEECE NYFSKTLLDR KSEKRNNSDW LLAKESHPAT VYILFSDLNP LVTLGGNKES FQQPEVRLCQ LNYTDIKDYL AQPEKITLIF LGVELEMKKE FFNYAGEISK EEEDGLVAWF ALGIDTVAAE EFKQRHENCY FLHPPMPALL QLKEKEAGVV AQARSVLAWH SRYKFCPTCG NATKIEEGGY KRVCLKEDCP SLHGVHNTSY PRVDPVVIMQ VIHPDGTKCL LGRQKRFPPG MFTCLAGFIE PGETIEDAVR REVEEESGVK VGHVQYVSCQ PWPMPSSLMI GCLAVAVSTE IKVDKNEIED ARWFTREQVV DVLTKGKQQA FFVPPSRAIA HQLIKHWIGM NPNL
Specificity:	Bos taurus (Bovine)
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:	NUDT12
Alternative Name:	Peroxisomal NADH pyrophosphatase NUDT12 (NUDT12) (NUDT12 Products)
Background:	Recommended name: Peroxisomal NADH pyrophosphatase NUDT12. EC= 3.6.1.22. Alternative name(s): Nucleoside diphosphate-linked moiety X motif 12. Short name= Nudix motif 12
UniProt:	Q29RH3

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

Handling

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