Datasheet for ABIN1631151

KATNA1 Protein (AA 1-491) (His tag)

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Overview

Quantity:	1 mg
Target:	KATNA1
Protein Characteristics:	AA 1-491
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KATNA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSLLMISENV KLAREYALLG NYDSAMVYYQ GVLDQMNKYL YSVKDTYLQQ KWQQVWQEIN VEAKHVKDIM KTLESFKLDS TPLKAAQHDL PASEGEVWSM PVPVERRPSP GPRKRQSSQY SDSKSHGNRP GTTVRVHRSS AQNLHNDRGK AVRCREKKEQ NKGREEKNKS PAAVTEPETN KFDSTGYDKD LVEALERDII SQNPNVRWDD IADLVEAKKL LKEAVVLPMW MPEFFKGIRR PWKGVLMVGP PGTGKTLLAK AVATECKTTF FNVSSSTLTS KYRGESEKLV RLLFEMARFY SPATIFIDEI DSICSRRGTS EEHEASRRVK AELLVQMDGV GGASENDDPS KMVMVLAATN FPWDIDEALR RRLEKRIYIP LPSAKGREEL LRISLRELEL ADDVDLASIA ENMEGYSGAD ITNVCRDASL MAMRRRIEGL TPEEIRNLSK EEMHMPTTME DFEMALKKVS KSVSAADIER YEKWIFEFGS C
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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:	KATNA1
Alternative Name:	Katanin p60 ATPase-containing subunit A1 (KATNA1) (KATNA1 Products)
Background:	Recommended name: Katanin p60 ATPase-containing subunit A1. Short name= Katanin p60 subunit A1. EC= 3.6.4.3. Alternative name(s): p60 katanin
UniProt:	Q4R407
Pathways:	Microtubule Dynamics

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.