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Datasheet for ABIN1618299

KATNA1 Protein (AA 1-492) (His tag)

Overview

Quantity:	1 mg
Target:	KATNA1
Protein Characteristics:	AA 1-492
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KATNA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSLLMISENV KLAREYALLG NYDSAMVYYQ GVLDQMINKYL YSVKDTFLQQ KWQQVWQEIN MEAKHVKDIM STLEGFKLDN SPVKTTQHEF PAHDGEVWSL PVPVERRPSP GPRKRQSVQC NDNKSHNNRF GAGKGPNLPS SKNTNNVKMK PVRAREKKDT FLKVKDEKNK SSVDVSETEV KKFDGTGYDK DLIEALERDI ISQNPNIKWD DIADLEEAKK LLKEAVVLPM WMPEFFKGIR RPWKGVLMMVG PPGTGKTLA KAVATECKTT FFISSSTLT SKYRGESEKL VRLLFEMARF YAPTTIFIDE IDSICSRRTG SEEHEASRRV KAELLVQMDG VGGASENEDP SKMVMVLAAT NFPWDIDEAL RRRLEKRIYI PLPSAKGREE LLRINLKELE LADDVNIECI AENMDGYSGA DITNVCRDAS LMAMRRRIEG LTPEEIRNLS RDDMHMPTTM EDFEMALKKV SKSVSASDIE KYEKWIEEFG SC
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: 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: [Q0IIR9](#)

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 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.