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Datasheet for ABIN1677247

## SMYD2A Protein (AA 1-430) (His tag)

### Overview

Quantity:	1 mg
Target:	SMYD2A
Protein Characteristics:	AA 1-430
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMYD2A protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>             MQQPEGLERF DSPGKGRGLK ATRSFALGEL LFTCPAYTYV LTDTERGNHC DFCFARKEGL              SKCGKCKQAF YCNVDCQKGD WPMHKLECSA MCSYGQNWCP SETVRLTARI LAKQKTQTER              TPSETFLSVK EFESHLSKLD NEKKELIESD IAALHRFYSK NLHYTDNAAL VFLFAQVNCN              GFTIEDEELS HLGSAIFPDV ALMNHSCCPN IIVTFKGTVA EIRAVQEIHA GDEVFTSYID              LLYPTEDRND RLMSDYFFTC DCRECSTKQK DPAKLEIRKL SDPPSHQTVK DMIKYARNIV              EEFRAKHYYK TPSELLEMCE LSLDKMGSVF VDSNVYMLHM MYQAMGVCLY LQEWGALKY              GEKIIKPYSK HYPAYSLNVA SMWLKLGRLY MGLEKTTIGT KALKKALAIM QIAHGPDHHY              IAEIKKELEL           </p>
Specificity:	Xenopus laevis (African clawed frog)
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: SMYD2A

Alternative Name: N-lysine methyltransferase SMYD2-A (smyd2-a) ([SMYD2A Products](#))

Background: Recommended name: N-lysine methyltransferase SMYD2-A.  
EC= 2.1.1.-.  
Alternative name(s): Histone methyltransferase SMYD2-A.  
EC= 2.1.1.43 SET and MYND domain-containing protein 2A

UniProt: [Q7ZXV5](#)

## 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

Storage: -20 °C

## Handling

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