Datasheet for ABIN1674895

# SMYD5 Protein (AA 1-421) (His tag)

Go to Product page

## Overview

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| Quantity: | 1 mg |
| Target: | SMYD5 |
| Protein Characteristics: | AA 1-421 |
| Origin: | Xenopus laevis |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SMYD5 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MAASMCDVFA FCAEQEPARR TVEIRFVSSG KGKGLFAIRT IRKGETIFQE KPLVSSQFQW NALYRYRACD HCLRSLETAE ENAQRLSGNA HVLLPYPELC TVRNGLHQQC PRCQVTYCSA ECLKAAAEQY HQILCLETSR DNPAHPLNKL EEAWRNMHYP PETASIMLMA RMVGTIKQAQ DKDWWLHLFS QFCNKTANEE EEIVHKLLGE KFKGQLDQLR RLFVDALYEE RMSRWFTPEG FRSLFALVGT NGQGIGTSSL SQWVHACDAL ELPPRDREKL DALIDQLYKD IEKVTGEFLN CEGSGLYLLQ SCCNHSCVPN AEASFPDNNF ILHLTALEDI QPGEEICISY LDCCQRDRSR HSRQKILREN YLFMCSCPKC LAQADEPDIT SEEEEEEEEE DDAELEGEPE DAELEDEMTD V |
| 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. |
| Purity: | > 90 % |

## Target Details

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| Target: | SMYD5 |
| Alternative Name: | SET and MYND domain-containing protein 5 (smyd5) (SMYD5 Products) |
| Background: | Recommended name: SET and MYND domain-containing protein 5 |
| UniProt: | Q6GPQ4 |

## Application Details

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| 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

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