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Datasheet for ABIN1511810
JMJD5 Protein (AA 1-443) (His tag)

Overview

Quantity:	1 mg
Target:	JMJD5
Protein Characteristics:	AA 1-443
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This JMJD5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MHRSVPEQVS AELPATLEQF QITLGADVED RVEECVREAA RCLYRGAIQV CGALGELLID YSWEKLNARN WREVGREWRA VYSYGCLFRA VGLCSVTGSI EEALQVCDIG LLMGAEIMDN LLGRIISVLQ RIAPSREETK LEAERGVREP GLESSKLHSP GEHSNKKSFSA SVTGRKRIRE GPEADFDPKG CSISEKVPCL LVPVLDSETA IPKLHCPSE HFRDHYLVPQ KPVVLEGVID HWPCCLKKWSV EYIQRVAGCR TVPVELGSRV TDAEWSQRLM TVNEFITKYI LDKQNGIGYL AQHQLFEQIP ELKEDICIPD YCCLGEASED EITINAWFGP AGTVSPLHQD PQQNFLAQIV GRKYIRVYSV AETEKLYPFD SSILHNTSQV DVESPDQNKF PRFSQASYQE CILSPGQVLF IPVKWWHYIR ALDLSFSVSF WWS
Specificity:	Xenopus tropicalis (Western clawed frog) (<i>Silurana tropicalis</i>)
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: JMJD5

Alternative Name: Lysine-specific demethylase 8 (jmd5) ([JMJD5 Products](#))

Background: Recommended name: Lysine-specific demethylase 8.
EC= 1.14.11.27.
Alternative name(s): JmjC domain-containing protein 5 Jumonji domain-containing protein 5

UniProt: [B2GUS6](#)

Pathways: [Chromatin Binding](#)

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

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