Datasheet for ABIN1623426

JMJD6 Protein (AA 1-403) (His tag)

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Overview

Quantity:	1 mg
Target:	JMJD6
Protein Characteristics:	AA 1-403
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This JMJD6 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNHKSKKRIK EAKRSARPEL KDSQDWCRHN YCEVFSLNPS TVLDNVERVD AAQLTTEEFI ERYEKPYKPV VIINATAGWP ANEKWTLERL KRKYRNQKFK CGEDNDGYSV KMKMKYYIDY MEGTRDDSPL YIFDSSYGEH PKRKKILEDY EVPKYFRDDL FQFTGEKRRP PYRWFVMGPP RSGTGIHIDP LGTSAWNSLV HGHKRWCLFP TNTPRELIKV TRDEGGNQQD EAITWFNVVY PRTQLPSWPP EFKPLEILQK PGETVFVPGG WWHVVLNFDT AIAVTQNFAS CSNFPVVWHK TVRGRPKLSR KWYRILKQER PELAALADTV DLQESTGIAS DSSSDSSSSS SSSSSESCSE DDSSSGAEMM SRRKKKRRLC NGMGNGDITT QDDCASKERS SSR
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

Target:	JMJD6
Alternative Name:	Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6-B (jmjd6-b) (JMJD6 Products)
Background:	Recommended name: Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6-B. EC= 1.14.11.-. Alternative name(s): Histone arginine demethylase JMJD6-B JmjC domain-containing protein 6-B Jumonji domain-containing protein 6-B Lysyl-hydroxylase JMJD6-B Peptide-lysine 5-dioxygenase JMJD6-B Phosphatidylserine receptor-B. Short name= Protein PTDSR-B
UniProt:	Q7ZX37

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