

Datasheet for ABIN1629322

## JMJD5 Protein (AA 1-414) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	JMJD5
Protein Characteristics:	AA 1-414
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This JMJD5 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MS EDTTEPLV GPSTLWKDLR ALLPDTEEEL KLDLSEKVDR SMATLLRQAL GLFYEGRWQK            CLQASEAVLD YSWEKLNTGP WRDVDKEWRR VYSFGCLLKT LCLCQAPQKA TAVAEALRVC            DMGLLMGAAI LGDILLKVAT VLQTHLLPRK QPACGPHQDQ PATKKAKHDA SSTPDVVLDR            EVPRLRCPPL QHFKKHFLVP GRPVILEGVA DHWPCMKKWS LQYIQEIAGC RTVPVEVGSR            YTD EDWSQTL MTVNEFIHKY ILSEAKDVG Y LAQHQLFDQI PELKQDISIP DYCC L GNGEE            EEITINAWFG PQGTISPLHQ DPQQNFLVQV LGRKYIRLYS PQESEAVYPH ETHILHNTSQ            VDVENPDLEK FPKFTEAPFL SCILSPGDTL FIPAKYWHYV RSLDLSFSVS FWWS</p>
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

### Target Details

Target:	JMJD5
Alternative Name:	Lysine-specific demethylase 8 (Jmjd5) ( <a href="#">JMJD5 Products</a> )
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:	<a href="#">Q497B8</a>
Pathways:	<a href="#">Chromatin Binding</a>

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