Datasheet for ABIN1475260

# JMJD2D Protein (AA 1-510) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | JMJD2D (KDM4D) |
| Protein Characteristics: | AA 1-510 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This JMJD2D protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MKTKSTCAQN PNCSIMIFRP TKEEFNDFDK YIAYMESQGA HRAGLAKVIP PKEWRARQSY DNISNILIAT PLQQVVSGQA GVFTQYHKKK KAMTVGQYRH LANSKKYQTP PHLDFEDLER KYWKNRLYES PIYGADVSGS LFDGKTQQWN VGHLGTIQDL LEQECGIVIE GVNTPYLYFG MWKTSFAWHT EDMDLYSINY LHFGQPKTWY AVPPEHGRRL ELLAKELFPG SSQGCQAFLR HKVALISPTV LKENGIPFGR ITQEAGEFMV TFPYGYHAGF NHGFNCAEAI NFATPRWIDY GKVASQCSCG EARVSFSMDA FVRILQPERY EMWKRGQDQA VVDHTEAMGP TSQELTTWRV IQAPRKTWGL KHLRLRQVSR CLLPVATDSN IANNTQMCHT SRQAADSKGD EVQESDPAIA PPYPLGLSSP GHMSTGKRGL GRRPCELGVQ ESTNGAPVKR RLPEGRDDRS PSPELQSQSV TGDLIVNSDL VNPGPQHPVT ASEGGLTSDP |
| Specificity: | Rattus norvegicus (Rat) |
| 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. |

## Product Details

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| Purity: | > 90 % |

## Target Details

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| Target: | JMJD2D (KDM4D) |
| Alternative Name: | Lysine-specific demethylase 4D (Kdm4d) (KDM4D Products) |
| Background: | Recommended name: Lysine-specific demethylase 4D.<br>EC= 1.14.11.-.<br>Alternative name(s): JmjC domain-containing histone demethylation protein 3D Jumonji domain-containing protein 2D |
| UniProt: | A1A5Q5 |
| Pathways: | Warburg Effect |

## 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 |

## Handling

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

 