

## Product datasheet

# Recombinant Human KDM3B / JMJD1B protein (Tagged) ab225962

### Description

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<b>Product name</b>	Recombinant Human KDM3B / JMJD1B protein (Tagged)	
<b>Purity</b>	> 90 % SDS-PAGE.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">Q7LBC6</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MPTRFEDLMENLPLPEYTKRDGRLNLASRLPSYFVRPDLG PKMYNAYGLI TAEDRRVGTTLHLVDVSDAVNVMVYVGIPIGEGAHDEEVL KTIDEGDADE VTKQRIHDGKEKPGALWHIYAAKDAEKIRELLRKVGEEQG QENPPDHDP HDQSWYLDQTLRKRLYEEYGVQGWAVQFLGDAVFIPAGA PHQVHNLVYSC IKVAEDFVSPEHVKHCFLTQEFR	
<b>Predicted molecular weight</b>	46 kDa including tags	
<b>Amino acids</b>	1498 to 1721	
<b>Tags</b>	His tag N-Terminus	
<b>Additional sequence information</b>	JmjC domain with 10xHis-SUMO tag at the N-terminus and a Myc tag at the C-terminus.	

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab225962** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid

### Preparation and Storage

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**Stability and Storage**

Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: 50% Glycerol (glycerin, glycerine), Tris buffer

**General Info**

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**Function**

Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Demethylation of Lys residue generates formaldehyde and succinate. May have tumor suppressor activity.

**Tissue specificity**

Ubiquitous. Highly expressed in placenta, skeletal muscle, kidney, heart and liver.

**Sequence similarities**

Belongs to the JHDM2 histone demethylase family.  
Contains 1 JmjC domain.

**Domain**

Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs are known to mediate the association with nuclear receptors.

**Cellular localization**

Nucleus.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

**Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
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