

Product datasheet

Recombinant Human KDM3B / JMJD1B protein (Tagged) ab225962

Description

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

Specifications

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.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

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

pH: 7.2

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

General Info

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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