

## Product datasheet

# Recombinant Human KDM6A / UTX protein ab159790

1 Image

### Description

<b>Product name</b>	Recombinant Human KDM6A / UTX protein	
<b>Expression system</b>	Wheat germ	
<b>Accession</b>	<a href="#">O15550</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	QQLHKGQSSHSAGPNGERPLSSTGPSQHLQAAGSGIQN QNGHPTLPSNSV TQGAALNHLSSHTATSGGQQGITLTKESKPSGNILTVPETS RHTGETPNS	
<b>Amino acids</b>	641 to 740	
<b>Tags</b>	GST tag N-Terminus	

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab159790** 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
	ELISA
	Western blot
<b>Form</b>	Liquid

**Additional notes**

### Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

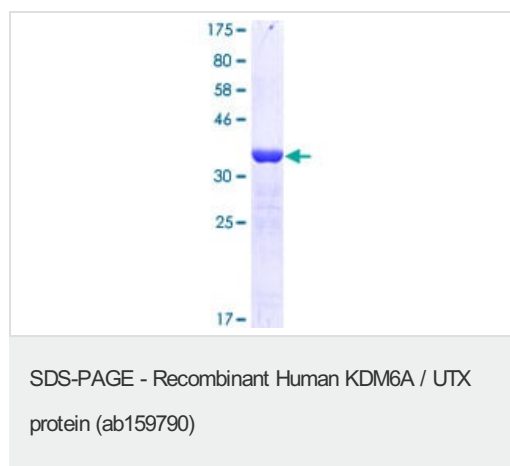
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<b>Function</b>	Histone demethylase that specifically demethylates 'Lys-27' of histone H3, thereby playing a central role in histone code. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-27'. Plays a central role in regulation of posterior development, by regulating HOX gene expression. Demethylation of 'Lys-27' of histone H3 is concomitant with methylation of 'Lys-4' of histone H3, and regulates the recruitment of the PRC1 complex and monoubiquitination of histone H2A.
<b>Sequence similarities</b>	Belongs to the UTX family. Contains 1 JmjC domain. Contains 8 TPR repeats.
<b>Cellular localization</b>	Nucleus.

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## Images

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ab159790 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**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
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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