

## Product datasheet

# Recombinant Human HMG4 protein ab167851

1 Image

### Description

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<b>Product name</b>	Recombinant Human HMG4 protein	
<b>Purity</b>	> 85 % SDS-PAGE. ab167851 was purified using conventional chromatography techniques.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<u><b>O15347</b></u>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MGSSHHHHHHSSGLVPRGSHMGSMAGDPKKPKGKMS AYAFFVQTCREEH KKKNPPEVPVNFAEFSKKCSERWKTMSGKEKSKFDEMAK ADKVRDREMMD YGPAKGGKKKKDPNAPKRPPSGFFLFCSEFRPKIKSTNP GISIGDVAKKL GEMWNNLNDSEKQPYTAKAALKEKEYEKDVADYKSKGKF DGAKGPAKVAR KKV	
<b>Predicted molecular weight</b>	23 kDa including tags	
<b>Amino acids</b>	1 to 180	
<b>Tags</b>	His tag N-Terminus	

### Specifications

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Our **Abpromise guarantee** covers the use of **ab167851** 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 Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00  
Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

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## General Info

**Function** Binds preferentially single-stranded DNA and unwinds double stranded DNA.

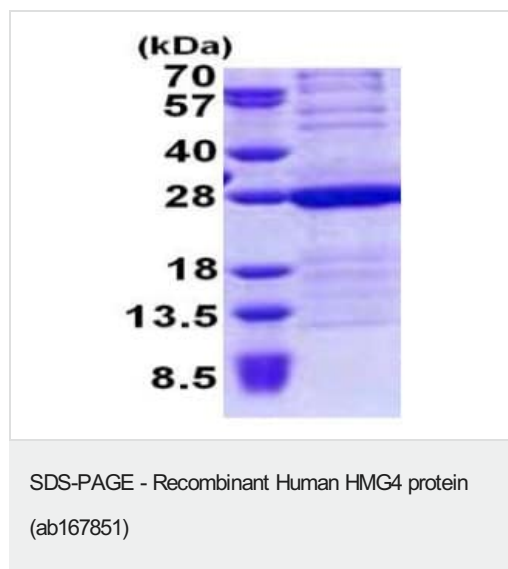
**Tissue specificity** Expressed predominantly in placenta.

**Sequence similarities** Belongs to the HMGB family.  
Contains 2 HMG box DNA-binding domains.

**Cellular localization** Nucleus. Chromosome.

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## Images



15% SDS-PAGE analysis of 3µg ab167851.

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

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

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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