

## Product datasheet

# Recombinant human Epigen protein (Active) ab200261

### Description

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<b>Product name</b>	Recombinant human Epigen protein (Active)	
<b>Biological activity</b>	Determined by the dose-dependent stimulation of the proliferation of murine Balb/3T3 cells. The expected ED <sub>50</sub> for this effect is 150-300 ng/ml.	
<b>Purity</b>	> 95 % SDS-PAGE. Purity is determined by SDS-PAGE and HPLC analyses.	
<b>Endotoxin level</b>	< 1.000 Eu/μg	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">Q6UW88-2</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	AVTVTPPITA QQADNIEGPI ALKFSHLCLE DHNSYINGA CAFHHELEKA ICRCFTGYTG ERCEHLTLTS YA	
<b>Predicted molecular weight</b>	8 kDa	
<b>Amino acids</b>	24 to 95	
<b>Additional sequence information</b>	This product is for the mature full length protein without the signal peptide.	

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab200261** 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>	Functional Studies HPLC SDS-PAGE
<b>Form</b>	Lyophilized

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40  
Constituent: 100% PBS

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.

## General Info

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<b>Function</b>	Promotes the growth of epithelial cells. May stimulate the phosphorylation of EGFR and mitogen-activated protein kinases.
<b>Sequence similarities</b>	Contains 1 EGF-like domain.
<b>Cellular localization</b>	Secreted and Membrane.

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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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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