

Product datasheet

Recombinant human Epigen protein (Active) ab200261

Description

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

Specifications

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.

Applications	Functional Studies HPLC SDS-PAGE
Form	Lyophilized

Preparation and Storage

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

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

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

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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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- We investigate all quality concerns to ensure our products perform to the highest standards

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