

Product datasheet

Recombinant Human RNA Polymerase II p14.5 protein ab81852

概述

产品名称	Recombinant人RNA Polymerase II p14.5 protein
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

种属	Human
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技术指标

Our [Abpromise guarantee](#) covers the use of **ab81852** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
纯度	> 95 % SDS-PAGE.

形式	Liquid
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制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 20% Glycerol, 20mM Tris Cl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
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常规信息

功能	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. Pol II is the central component of the basal RNA polymerase II transcription machinery. It is composed of mobile elements that move
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relative to each other. RPB9 is part of the upper jaw surrounding the central large cleft and thought to grab the incoming DNA template.

序列相似性

Belongs to the archaeal rpoM/eukaryotic RPA12/RPB9/PC11 RNA polymerase family.
Contains 1 TFIIIS-type zinc finger.

翻译后修饰

Phosphorylated upon DNA damage, probably by ATM or ATR.

细胞定位

Nucleus.

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