

## Product datasheet

# Recombinant human EPO protein ab61916

### 概述

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产品名称	重组人EPO蛋白
蛋白长度	Full length protein

### 描述

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性质	Recombinant
来源	CHO cells
氨基酸序列	
种属	Human

### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab61916** in the following tested applications.

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

生物活性	EPO alpha is fully biologically active when compared to standard. The Specific Activity measured by Normocyth-aemic mice was found to be 120,000IU/mg.
应用	SDS-PAGE Functional Studies
纯度	> 95 % SDS-PAGE. PURITY: > 98% as determined by SDS-PAGE and HPLC. ENDOTOXIN: Less than 0.1 ng/μg (IEU/μg) of recombinant human EPO alpha.
形式	Lyophilised

### 制备和贮存

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稳定性和存储	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituents: 0.058% Sodium citrate, 0.6% Citric acid, 0.058% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
复溶	Reconstitute in ddH <sub>2</sub> O to a total volume of 10-40 ul

### 常规信息

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<b>相关性</b>	Human erythropoietin is member of the EPO/TPO family and encodes a secreted, glycosylated cytokine hormone composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. It is produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals.
<b>细胞定位</b>	Secreted

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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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
- 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.cn/abpromise> or contact our technical team.

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