

Product datasheet

Recombinant *E. coli* Urease protein ab73841

概述

产品名称	重组 <i>E. coli</i> Urease蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli
氨基酸序列	
种属	Escherichia coli

技术指标

Our [Abpromise guarantee](#) covers the use of **ab73841** 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	Biological Activity: The specific activity was found to be 150 IU/mg. Unit definition: One Unit oxidizes one micromole of NADH per minute at 25°C, at pH 7.6.
应用	SDS-PAGE
纯度	> 95 % SDS-PAGE. Purity is greater than 95.0% as determined by RP-HPLC and SDS-PAGE.
形式	Lyophilised
补充说明	It is mutant Urease from microorganism source, showing shifted substrate affinity to urea.

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: 0.037% Potassium phosphate, 0.003% EDTA This product is an active protein and may elicit a biological response in vivo, handle with caution.
复溶	Reconstitute in sterile 18MOcm H <sub>2</sub> O.

常规信息

<b>相关性</b>	The enzyme urease catalyzes the hydrolysis of urea to create carbon dioxide and ammonia. The protein consists of a single kind of polypeptide chain containing 840 amino acid residues. The subunit relative molecular mass calculated from the sequence is 90,770, indicating that urease is composed of six subunits.
<b>细胞定位</b>	Cytoplasmic

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

### **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

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