

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 ₂ O.

常规信息

相关性	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.
细胞定位	Cytoplasmic

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

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- Replacement or refund for products not performing as stated on the datasheet
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