

### Native *E. coli* L-Asparaginase protein ab73439

#### 4 References

#### 描述

---

产品名称	Native <i>E. coli</i> L-Asparaginase蛋白
生物活性	Specific activity per mg is lot specific. Please contact our Scientific Support team for more information.  One IU of L- Asparaginase is defined as that amount of enzyme required to generate 1 $\mu$ mol of ammonia per minute at pH 7.3 and 37°C.
纯度	> 96 % SDS-PAGE. > 96.0% RP-HPLC. Sterile filtered.
表达系统	Escherichia coli
Accession	<b><u>P0A962</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Escherichia coli
额外的序列信息	L-Asparaginase was purified from E.coli ASI.357
描述	Native <i>E. coli</i> Asparaginase蛋白(Active)

#### 技术指标

---

Our **Abpromise guarantee** covers the use of **ab73439** 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
形式	Lyophilized

#### 制备和贮存

---

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  This product is an active protein and may elicit a biological response in vivo, handle with caution.
复溶	It is recommended to reconstitute the lyophilized Asparaginase in 18M-cm H <sub>2</sub> O at 1mg/ml.

## 常规信息

---

<b>相关性</b>	Asparaginase is an enzyme purified from E. coli and Erwinia carotovora. It acts by deaminating extracellular L asparagine, an amino acid that appears to be essential for protein synthesis by some tumour cells which are unable to synthesise asparagine. Asparaginase from Erwinia carotovora is serologically and biochemically distinct from asparaginase from E. coli, although its antineoplastic activity and toxicity is similar. Asparaginase is usually considered to be cell cycle phase nonspecific, but it may block some cells in G1 or S phase. Asparaginase reduces cellular and humoral immunity. E.coli contains two L asparaginase isoenzymes: L asparaginase I, a low affinity enzyme located in the cytoplasm, and L asparaginase II, a high affinity secreted enzyme.
<b>细胞定位</b>	Cytoplasmic, Secreted and Periplasm.

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

## 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.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors