

# Recombinant Arginine deiminase protein ab119147

### 描述

<b>产品名称</b>	重组Arginine deiminase蛋白	
<b>生物活性</b>	Measured by its ability to induce apoptosis in Jurkat cells using a concentration of 100-150 ng/ml.	
<b>纯度</b>	> 95 % SDS-PAGE. Purity greater than 97% by SDS-PAGE gel and HPLC analyses.	
<b>内毒素水平</b>	< 0.100 Eu/μg	
<b>表达系统</b>	Escherichia coli	
<b>Accession</b>	<b><u>P23793</u></b>	
<b>蛋白长度</b>	Full length protein	
<b>无动物成分</b>	No	
<b>性质</b>	Recombinant	
<b>种属</b>	Mycoplasma arginini	
<b>序列</b>		SVFDSKFKGIHVYSEIGELESVLVHEPGREIDYITPARLDEL LFSAILES HDARKEHKQFVAELKANDINVVELIDLVAETYDLASQEAKDK LIEEFLED SEPVLSEEHKVVVRNFLKAKKTSRELVEIMMAGITKTDLGIE ADHELIVD PMPNLYFTRDPFASVGNGVTIHYMRYKVRQRETLFSRFVFSN HPKLINTP WYYDPSLKLSIEGGDVFIYNNDTLVVGVSSERTDLQTVTLLAK NIVANKEC EFKRIVAINVPKWTNLMHLDTWLTMLDKDKFLYSPIANDVFK FWDYDLVN GGAEPQPVENGLPLEGLLQSIINKKPVLPIPIAGEGASQMEIE RETHFDGT NYLAIRPGVVIGYSRNEKTNAALEAAGIKVLPFHGNQLSLGM GNARCMSM PLSRKDVKW
<b>预测分子量</b>	46 kDa	
<b>氨基酸</b>	2 to 410	

### 技术指标

Our **Abpromise guarantee** covers the use of **ab119147** in the following tested applications.

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

<b>应用</b>	SDS-PAGE HPLC
<b>形式</b>	Lyophilized
<b>补充说明</b>	Arginine Deiminase (ADI) is a microbial enzyme from Mycoplasma produced in E.coli. It has high affinity to L-arginine and hydrolyzes L-arginine to citrulline and ammonia. Low concentrations of ADI have been shown to inhibit proliferation in certain cultured cells by arresting the cell cycle in G (1) and/or S phase. Higher concentrations of ADI lead to subsequent apoptosis.

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## 制备和贮存

<b>稳定性和存储</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Constituents: 0.003% DTT, 0.03% Sodium phosphate This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>复溶</b>	Reconstitute in water to a concentration of 0.1-1.0 mg/ml.

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## 常规信息

<b>相关性</b>	Amino-acid degradation; L-arginine degradation via ADI pathway; carbamoyl phosphate from L-arginine: step 1/2.
<b>细胞定位</b>	Cytoplasmic

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

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