

Product datasheet

Recombinant *E. coli* Ecotin protein ab103303

1 Image

Description

<b>Product name</b>	Recombinant <i>E. coli</i> Ecotin protein	
<b>Purity</b>	> 95 % SDS-PAGE. ab103303 was purified using conventional chromatography techniques.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P23827</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Escherichia coli	
<b>Sequence</b>	<p><b>MGSSHHHHHSSGLVPRGSHMAESVQPLEKIAPYPQ</b>  <b>AEKGMKRQVIQLTP</b>  <b>QEDESTLKVELLIGQTLEVDCNLHRLGGKLENKTLEG</b>  <b>WGYDYYVFDKVSS</b>  <b>PVSTMMACPDGKKEKKFVTAYLGDAGMLRYNSKLPV</b>  <b>VYTPDNVDVKYRV WKAEEKIDNAVVR</b></p>	
<b>Predicted molecular weight</b>	18 kDa including tags	
<b>Amino acids</b>	21 to 162	
<b>Tags</b>	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab103303** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE
	Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid
<b>Additional notes</b>	Previously labelled as <i>E. coli</i> serine protease inhibitor.

Preparation and Storage

## Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol, 0.29% Sodium chloride

## General Info

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### Relevance

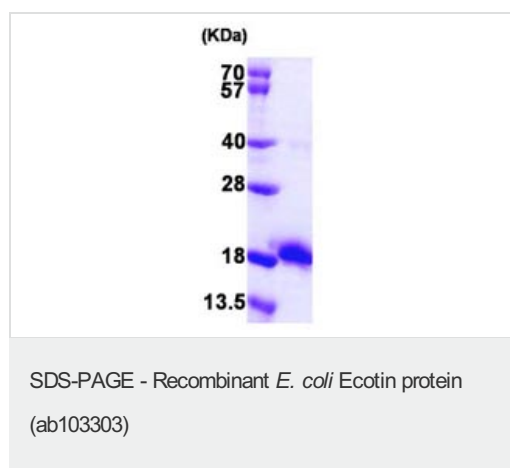
*E. coli* serine protease inhibitor (Ecotin) inhibits pancreatic serine proteases: inhibits chymotrypsin, trypsin, elastases, factor X, kallikrein as well as a variety of other proteases. The strength of inhibition does not appear to be correlated with a particular protease specificity.

### Cellular localization

Periplasm.

## Images

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15% SDS-PAGE analysis of 3µg ab103303.

**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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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