

Product datasheet

Recombinant E. coli Ecotin protein ab103303

[1 Image](#)

Description

Product name	Recombinant E. coli Ecotin protein
Purity	> 95 % SDS-PAGE. ab103303 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P23827</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Escherichia coli
Sequence	MGSSHHHHHHSSGLVPRGSH MAESVQPLEKIAPYPQAE KGMKRQVIQLTP QEDESTLKVELLIGQTLEVDCNLHRLGGKLENKTLEGWGY DYYVFDKVSS PVSTMACPDPGKKEKKFVTAYLGDAGMLRYNSKLPVVYT PDNVDVKYRV WKAEEKIDNAVVR
Predicted molecular weight	18 kDa including tags
Amino acids	21 to 162
Tags	His tag N-Terminus
Description	Recombinant <i>E. coli</i> Ecotin protein

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.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	Previously labelled as E. coli 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 (glycerin, glycerine), 0.29% Sodium chloride

General Info

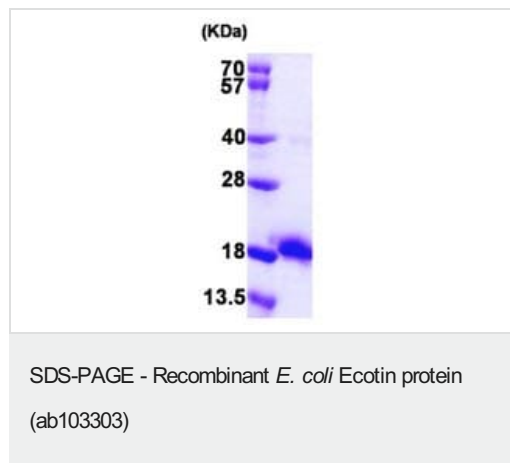
Relevance

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



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

- 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.com/abpromise> or contact our technical team.

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