

## Product datasheet

# Recombinant N-Acetyl-eglin C protein ab168054

### Overview

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<b>Product name</b>	Recombinant N-Acetyl-eglin C protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">P01051</a>
<b>Species</b>	Leech
<b>Sequence</b>	Ac- TEFGSELKSFPEVVGKTVDQAREYFTLHYPQYDVYFLP EGSPVTLDL RYNRVRVFNPGTNVNVHVPVHG-OH
<b>Molecular weight</b>	8 kDa
<b>Amino acids</b>	1 to 70

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab168054** in the following tested applications.

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

<b>Biological activity</b>	Biological activity identical to native eglin C. ab168054 is an effective inhibitor of chymotrypsin and subtilisin as well as of leukocyte elastase and cathepsin G.
<b>Applications</b>	HPLC
<b>Form</b>	Lyophilised

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C.  This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	Soluble in water.

## General Info

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### Relevance

Eglin C was originally isolated from the leech *Hirudo medicinalis*. It inhibits both elastase and cathepsin G.

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

### 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
- 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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