

## Product datasheet

# Native Soybean Trypsin Inhibitor protein (Agarose) ab94845

### Description

<b>Product name</b>	Native Soybean Trypsin Inhibitor protein (Agarose)
<b>Purity</b>	> 95 % SDS-PAGE. ab94845 is immobilized on an agarose resin via coupling to primary amines to create an affinity resin with specificity for a number of serine proteases.
<b>Expression system</b>	Native
<b>Accession</b>	<b><u>P01070</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Native
<b>Species</b>	Soybean
<b>Conjugation</b>	Agarose

### Specifications

Our **Abpromise guarantee** covers the use of **ab94845** 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 Functional Studies
<b>Form</b>	Liquid
<b>Additional notes</b>	Provided as 20 ml of 1:1 slurryab94845 binds free trypsin tighter with increasing pH from 4.5-8.0 that allows for a simple gradient to low pH (~2.5-3.0) for elution. Binding capacity: 1 ml resin binds > 2 mg Trypsin Inhibitor protein

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C. pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 1.58% Tris HCl, 0.87% Sodium chloride
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## General Info

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### Relevance

The soybean trypsin inhibitor was first crystallized by Kunitz in 1945 and is one of several such inhibitors found in soybeans. It inhibits the proteolytic action approximately of an equal weight of crystalline trypsin by combining with trypsin to form a stable compound. Chymotrypsin is only slightly inhibited by soy inhibitor.

**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
- 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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