

Product datasheet

Native Soybean Trypsin Inhibitor protein ab94845

Description

Product name	Native Soybean Trypsin Inhibitor protein
Purity	> 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.
Expression system	Native
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Soybean

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.

Applications	SDS-PAGE Functional Studies
Form	Liquid
Additional notes	Provided as 20 ml of 1:1 slurry ab94845 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

Stability and Storage	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

Relevance	The soybean trypsin inhibitor was first crystallized by Kunitz in 1945 and is one of several such
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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"

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