

## Immobilized soybean trypsin inhibitor

Cat. No. NATE-1762

Lot. No. (See product label)

### Introduction

**Description** Soybean trypsin inhibitor (SBTI) is a reversible competitive inhibitor of trypsin and other trypsin-like proteases such as chymotrypsin, plasmin and plasma kallikrein. It has a MW of 22 kDa and a pI of 4.5. We have immobilized SBTI on an agarose resin via coupling to primary amines to create an affinity resin with specificity for a number of serine proteases. SBTI 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.

**Synonyms** Trypsin Inhibitor; Immobilized trypsin inhibitor

### Product Information

**Source** Soybean

**Form** Resin

**Molecular Weight** 21500

**Purity** >95% by SDS-PAGE analysis

**Concentration** 5.0 mg/ml

**Buffer** 0.1M Tris-HCl; 0.15M NaCl; 0.02% Na Azide; pH 7.4

**Preservative** Sodium Azide

### Storage and Shipping Information

**Storage** 4°C

**Stability** 12 months from delivery