Creative Enzymes®

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