

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 pl 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 (\sim 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

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1/1