

## Soybean Trypsin Inhibitor Immobilized

<b>Catalog No.</b>	CSI20067A	<b>Quantity:</b>	10 ml
	CSI20067B		50 ml

**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. SBTI was immobilized 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.

**Concentration:** 5.0 mg/ml coupled

**Source:** Soybean

**Molecular Weight:** 21.5 kDa

**Formulation:** Resin containing 0.1 M Tris-HCl Buffer + 0.15 M NaCl + 0.02% Na Azide, pH 7.4.

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

**Endotoxin Level:** < 0.1 ng/μg of protein

**Storage & Stability:** Store at 2-4°C. Stable for 1 year from delivery. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.