

## KT13

### Soybean Trypsin Inhibitor Immobilized

<b>Catalog No.</b>	CSI20067A CSI20067B	<b>Quantity:</b>	10 ml 50 ml
<b>Alternate Names:</b>	Trypsin inhibitor A, Kunitz-type trypsin inhibitor A		
<b>Description:</b>	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.		
<b>Concentration:</b>	P01070		
<b>Gene ID:</b>	547831		
<b>Source:</b>	Soybean		
<b>Molecular Weight:</b>	21.5 kDa		
<b>Formulation:</b>	1:1 slurry of resin in 0.1 M Tris-HCl, 0.15 M NaCl, 0.02% NaN <sub>3</sub> , pH 7.4.		
<b>Purity:</b>	>95% by SDS-PAGE analysis		
<b>Concentration:</b>	≥ 5.0 mg/ml coupled, lot specific		
<b>Storage &amp; Stability:</b>	Store at 2-8°C. Stable for 1 year from delivery. <b>Avoid repeated freeze-thaw cycles.</b>		

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



**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)