

# Recombinant Trypsin Inhibitor

Catalog No: #RE010



Package Size: #RE010-1 1mg #RE010-2 10mg #RE010-3 100mg

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## Description

Product Name	Recombinant Trypsin Inhibitor
Storage	Stability of storage: Recombinant trypsin inhibitor liquid should be stored under -20°C in sealed container. It is stable within 6 months at 2-8°C. It is no activity loss after 6 times repeated freezing and thawing. Stability of transport: The product is stable by blue ice insulation transport.

## Product Description

Trypsin inhibitor is a competitive serine protease inhibitor that inhibits trypsin, chymotrypsin, kallikrein and plasmin. Trypsin inhibitor forms stable complexes with and blocks the active sites of enzymes. Binding is reversible with most trypsin inhibitor-protease complexes and dissociating at pH <math>\approx 3.0</math>. Effective concentration is equimolar with protease. SAB recombinant trypsin inhibitor is a genetically engineered protein expressed in E. coli and purified by multi-column. The amino acid sequence of recombinant trypsin is identical to bovine lung derived trypsin inhibitor, with equivalent properties compared to native trypsin inhibitor and can replace native trypsin for using in a variety of biotechnological processes.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.