

## Ecotin E.Coli

**Description:** Ecotin produced in E.Coli is a single, non-glycosylated polypeptide chain containing 163 amino acids (21-162a.a.) and having a molecular mass of 18.3kDa. Ecotin is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** ENPS-065

For research use only.

**Synonyms:** E. coli serine protease inhibitor

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MAESVQPLEK IAPYPQAEKG  
MKRQVIQLTP QEDESTLKVE LLIGQTLEVD CNLHRLGGKL ENKTLEGWGY DYYVFDKVSS  
PVSTMMACPD GKKEKKFVTA YLG DAGMLRY NSKLPIVYT PDNVDVKYRV WKAEEKIDNA  
VVR

**Purity:** Greater than 95% as determined by SDS-PAGE.

### Formulation:

The Ecotin protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 50mM NaCl and 10% glycerol.

### Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

Ecotin inhibits pancreatic serine proteases. Ecotin protein inhibits chymotrypsin, trypsin, elastases, factor X, kallikrein as well as a variety of other proteases. The power of inhibition is not linked to a specific protease specificity.

### Storage:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

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