

Recombinant E. coli Eco, His-tagged

Cat. No. eco-3423E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E. coli Ecotin protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	E.coli
Source	E.coli
Description	Ecotin (E. coli serine protease inhibitor) inhibits pancreatic serine proteases. This protein inhibits chymotrypsin, trypsin, elastases, factor X, kallikrein as well as a variety of other proteases. The strength of inhibition does not appear to be correlated with particular protease specificity.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 50mM NaCl, 1mM DTT, 10% glycerol.
Molecular Weight	18.3 kDa (163aa) confirmed by MALDI-TOF.
Purity	> 95% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MAESVQPLEK IAPYPQAEKG MKRQVIQLTP QED ESTLKVE LLIGQTLEVD CNLHRLGGKL ENKTLEGWGY DYYVFDKVSS PVS TM MACPD GKKEKKFVTA YLG DAGMLRY NSKLPIVVYT PDNVDVKYRV WK AEE KIDNA VVR.

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION**Gene Name**

eco ecotin, a serine protease inhibitor [*Escherichia coli* str. K-12 substr. MG1655]

Synonyms

ecotin, a serine protease inhibitor; ECK2201; eti; JW2197; eco;ecotin, a serine protease inhibitor

Gene ID

946700

Protein Refseq

NP_416713

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