

**AR09818PU-N****E. coli Ecotin (eco / eti) (21-162, His-tag) - Purified**

<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1.0 mg/ml (determined by Bradford assay)
<b>Background:</b>	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 a particular protease specificity.
<b>Uniprot ID:</b>	<a href="#">P23827</a>
<b>NCBI:</b>	<a href="#">AP_002805</a>
<b>GeneID:</b>	<a href="#">946700</a>
<b>Species:</b>	E. coli
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 50mM NaCl, 1mM DTT, 10% glycerol
<b>Description:</b>	Recombinant E. coli Ecotin protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> <u>MGSSHHHHHH</u> SSGLVPRGSH MAESVQPLEK IAPYPQAEKG MKRQVIQLTP QEDESTLKVE LLIGQTLEVD CNLHRLGGKL ENKTLEGWGY DYYVFDKVSS PVSTMMACPD GKKEKKFVTA YLG DAGMLRY NSKLPIVVYT PDNVDVKYRV WKAEKIDNA VVR <b>Molecular weight:</b> 18.3 kDa (163aa), confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Lilla JN., et al. (2009) J Biol Chem. 284(20):13792-803. Lund LR., et al. (2006) EMBO J. 25(12):2686-97.

Pictures:

Recombinant E. coli Ecotin, 21-162 aa,  
His-tagged

