

AR09818PU-L

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

Quantity:	0.25 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	P23827
NCBI:	AP_002805
GenelD:	946700
Species:	E. coli
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 50mM NaCl, 1mM DTT, 10% glycerol
Description:	Recombinant E. coli Ecotin protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MAESVQPLEK IAPYPQAEKG MKRQVIQLTP QEDESTLKVE LLIGQTLEVD CNLHRLGGKL ENKTLEGWGY DYYVFDKVSS PVSTMMACPD GKKEKKFVTA YLGDAFMLRY NSKLPIVVYT PDNVDVKYRV WKAEKIDNA VVR Molecular weight: 18.3 kDa (163aa), confirmed by MALDI-TOF
Storage:	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.
General Readings:	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

