

Product information



Ecotin, 21-162 aa

E.coli, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0878

Full Name: Ecotin, a serine protease inhibitor

NCBI Accession No.: NP_416713

Synonyms: ECK2201, eti, JW2197

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 a particular protease specificity. Recombinant *E. coli* Ecotin protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 50mM NaCl, 1mM DTT, 10% glycerol</p> <p>Molecular Weight: 18.3 kDa (163aa), confirmed by MALDI-TOF</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p>	<p>(KDa)</p> <p>70 57 40 28 18 13.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MAESVQPLEK IAPYPQAEKG MKRQVIQLTP QEDESTLKVE LLIGQTLEVD CNLHRLGGKL ENKTLEGWGY DYYVFDKVSS PVSTMMACPD GKKEKKFVTA YLG DAGMLRY NSKLP I VVYT PDNVDVKYRV WKAEKIDNA VVR</p>	

General references:

Lilla JN., *et al.* (2009) *J Biol Chem.* 284(20):13792-803.

Lund LR., *et al.* (2006) *EMBO J.* 25(12):2686-97.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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.

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