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Ecotin, 21-162aa, E.coli, His tag, E.coli

产品货号: TP01960

第三版

别名: Ecotin, a serine protease inhibitor, ECK2201, eti, JW2197

描述: 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.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 50mM NaCl, 1mM DTT, 10% glycerol

分子量: 18.3 kDa (163aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMAESVQPLEKIAPYPQAEKGMKRQVIQLTPQEDESTLKVELLIGQTLEVDCNLHRLGGK
LENKTLEGWGYDYYVFDKVSPPVSTMMACPDGKKEKFFVTAYLGDAGMLRYNSKLPVVYTPDNVDVKYRVWKAEEKI
DNAVVR

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.