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CSTA, 1-98aa, Human, His tag, E.coli (Bioactivity Validated)

产品货号: TP01757

第三版

别名:Cystatin-A, STF1, STFA.

**描述:**CSTA, also known as Stefin A, is thiol protease inhibitors that form complexes with papain and the cathepsins B, H and L. The protein is one of the precursor proteins of the cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. CSTA is thought to be a tumor suppressor, since an inverse correlation seems to exist between the level of CSTA and tumor progression, in several malignancies Recombinant human CSTA 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 1mM DTT, 10% glycerol

**分子量:**13.1 kDa (118aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMIPGGLSEAKPATPEIQEIVDKVKPQLEKTNETYGKLEAVQYKTQVVAGTNYYIKVRA  
GDNKYMHLKVFKSLPGQNEDLVLTGYQVDKNKDELDTGF

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by BCA 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.