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Cystatin-S, 21-141aa , Human, His tag, Insect cell

产品货号: TP01819

第三版

别名:CST4

**描述:**CST4, also known as Cystatin-S, belongs to the cystatin family. It is an S-type cystatin, based on its high level of expression in saliva, tears and seminal plasma. The specific role in these fluids is unclear but antibacterial and antiviral activity is present, consistent with a protective function. This protein strongly inhibits papain and ficin, partially inhibits stem bromelain and bovine cathepsin C, but does not inhibit porcine cathepsin B or clostripain. Papain is inhibited non-competitively. Recombinant human CST4, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:**15.4kDa (131aa) confirmed by MALDI-TOF 13.5-18KDa (SDS-PAGE under reducing conditions.)

**序列:**

ADPMSSSKEENRIIPGGIYDADLNDEWVQRALHFAISEYNKATEDEYYRRPLQVLRAREQTFGGVNYFFDVEVGRITICKS  
QPNLDTCAFHEQPELQKKQLCSFEIYEPWEDRMSLVNSRCQEAHHHHHH

**纯度:**> 95% by HPLC

**浓度:**1mg/ml (determined by Absorbance at 280nm)

**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.