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CST7, 20-1452aa, Human, His tag, Insect cell

产品货号: TP01754

第三版

别名:Cystatin F, CMAP

描述:CST7, also known as cystatin-F, contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. This gene encodes a glycosylated cysteine protease inhibitor with a putative role in immune regulation through inhibition of a unique target in the hematopoietic system. Expression of the protein has been observed in various human cancer cell lines established from malignant tumors. Recombinant human CST7, 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 (pH7.4).

分子量:15.3kDa (132aa) (18-28kDa in SDS-PAGE under reducing conditions.)

序列:

GPSPDTCSQDLNSRVKPGFPKTIKTNDPGVLQAARYSVEKFNNCTNDMFLFKESRITRALVQIVKGLKYMLEVEIGRTTCK
KNQHLRLDDCDFQTNHTLKQTLSCYSEVWVVPWLQHFEVPLRCHHHHHHH

纯度:> 95% by HPLC

浓度:0.5mg/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.