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Cystatin-C, 21-140aa, Mouse, His-tag, Baculovirus (Bioactivity Validated)

产品货号: TP01818

第三版

别名: CST3, CysC

描述: CST3, also known as Cystatin-C is a member of family 2 of the cystatin superfamily. This protein is a secreted type 2 cysteine protease inhibitor synthesized in all nucleated cells, has been proposed as a replacement for serum creatinine for the assessment of renal function, particularly to detect small reductions in glomerular filtration rate. It is involved in processes such as tumor invasion and metastasis, inflammation and some neurological diseases. It inhibits many cysteine proteases such as papain and cathepsins B, H, K, L and S. It indicates that a murine model should be relevant for studies of the human disease, hereditary Cystatin C amyloid angiopathy. Recombinant Mouse CST3, 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: 14.2kDa (126aa) confirmed by MALDI-TOF 13.5-18kDa (SDS-PAGE under reducing conditions.)

序列:

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.