

**Recombinant Human Cystatin SA/CST2 Protein(C-6His)**

**Cat.NO.: TP04867**

3th Edition

**Synonyms:**Cystatin-SA; Cystatin-2; Cystatin-S5; CST2

**Description:**Cystatin SA is a member of family 2 of the Cystatin superfamily. Together with Cystatins S and SN, it is produced by the salivary gland and secreted largely in the submandibular/sublingual saliva. Cystatin SA inhibits Cathepsin L, but may not inhibit Cathepsins B and H. The functions of Cystatin SA are largely unknown. However, it has been suggested to play a role in the control of periodontal tissue destruction.

**Form:**PBS

**Molecular Weight:**15.4 kDa

**Sequences:**Trp21-Ala141

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.