

**Recombinant Human Cystatin S/CST4 Protein(C-6His)**

**Cat.NO.: TP05847**

3th Edition

**Synonyms:**Cystatin-S; Cystatin-4; Cystatin-SA-III; Salivary Acidic Protein 1; CST4

**Description:**Cystatin-S, also called Cystatin-SA-III or Salivary acidic protein, is usually expressed in submandibular and sublingual saliva but not in parotid saliva(at protein level). This protein, which is phosphorylated at both its N- and C-terminal regions, belongs to the cystatin family. Cystatin-S can function as an inhibitor to papain or ficin, it partially inhibits stem bromelain and bovine cathepsin C.

**Form:**PBS

**Molecular Weight:**15.2 kDa

**Sequences:**Ser21-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.