

**Recombinant Human Cystatin SN/CST1 Protein(C-6His)**

**Cat.NO.: TP05559**

3th Edition

**Synonyms:**Cystatin-SN; Cystain-SA-I; Cystatin-1; Salivary Cystatin-SA-1; CST1

**Description:**Cystatin-SN is a member of family 2 of the Cystatin superfamily and a cysteine proteinase inhibitor found in saliva, tears, urine, and seminal fluid. Together with Cystatins S and SA, it is produced by the salivary gland and secreted largely in the submandibular/sublingual saliva. Cystatin-SN inhibits members of the Papain family including Cathepsins B, C, H and L.

**Form:**PBS

**Molecular Weight:**15.4 kDa

**Sequences:**Trp21-Ser141

**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.