

**CST1, 21-141aa, Human, His tag, E.coli**

**Cat.NO.: TP01746**

3th Edition

**Synonyms:**Cystatin SN.

**Description:**CST1 (Cystatin-SN) is a member of the type 2 salivary cystatin family found in a variety of fluids and secretions, including plasma, tears, and saliva. The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 100mM NaCl

**Molecular Weight:**16.9kDa (145aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMWSPKEEDRIIPGGIYNADLNDEWVQRALHFAISEYNKATKDDYRRPLRVL  
RARQQTVGGVNYFFDVEVGRITCKTSQPNLDTCAFHEQPELQKKQLCSFEIYEPWENRRSLVKSRCQES

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

**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.