

# Human CST1 Recombinant Protein



RPPB3279

---

## Product Information    Protein Information

**Product SKU:**

RPPB3279

**Accession:**

P01037

**Host:**

E.coli.

**Protein description:**

CST1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 145 amino acids (21-141 a.a.) and having a molecular mass of 16.9kDa. CST1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Cystatin-SN, Cystain-SA-I, Cystatin-1, Salivary cystatin-SA-1, CST1.

**Formulation:**

CST1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 100mM NaCl.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGS MWSPKEE DRIIPGGIYN ADLNDEWVQR ALHFAISEYN KATKDDYYRR  
PLRVLRARQQ TVGGVNYFFD VEVGRTICTK SQPNLDTCAF HEQPELQKKQ LCSFEIYEVW WENRRSLVKS  
RCQES.