RPA896Hu01 100µg Recombinant Cystatin 3 (CST3) Organism Species: Homo sapiens (Human) *Instruction manual* 

# FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

## Coud-Clone Corp.

### [PROPERTIES]

Source: Prokaryotic expression.

Host: E. coli Residues: Ser27~Ala146 **Tags:** N-terminal His-Tag Tissue Specificity: Brain. Subcellular Location: Secreted. **Purity: >98%** Traits: Freeze-dried powder Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300. Original Concentration: 200ug/mL Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling. (May be suitable for use in other assays to be determined by the end user.) Predicted isoelectric point: 8.8 Predicted Molecular Mass: 14.6kDa Accurate Molecular Mass: 15kDa as determined by SDS-PAGE reducing conditions.

### [<u>USAGE</u>]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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#### [SEQUENCE]

SSPG KPPRLVGGPM DASVEEEGVR RALDFAVGEY NKASNDMYHS RALQVVRARK QIVAGVNYFL DVELGRTTCT KTQPNLDNCP FHDQPHLKRK AFCSFQIYAV PWQGTMTLSK STCQDA

#### [IDENTIFICATION]

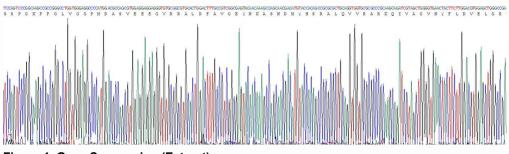


Figure 1. Gene Sequencing (Extract)

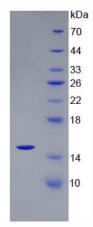


Figure 2. SDS-PAGE