

RPA166Hu01 10ug Recombinant Pepsinogen C (PGC) Organism Species: *Homo sapiens (Human) Instruction manual* 

FOR 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: Val61~Ala388

Tags: N-terminal His Tag

Subcellular Location: Secreted

**Purity:** > 95%

**Traits:** Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 4.1

Predicted Molecular Mass: 36.6kDa

Accurate Molecular Mass: 36kDa as determined by SDS-PAGE reducing conditions.

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

Reconstitute in 10mM PBS (pH7.4) 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.

#### [SEQUENCE]

## Cloud-Clone Corp.

VTYEPMAYMD AAYFGEISIG TPPQNFLVLF DTGSSNLWVP SVYCQSQACT SHSRFNPSES STYSTNGQTF SLQYGSGSLT GFFGYDTLTV QSIQVPNQEF GLSENEPGTN FVYAQFDGIM GLAYPALSVD EATTAMQGMV QEGALTSPVF SVYLSNQQGS SGGAVVFGGV DSSLYTGQIY WAPVTQELYW QIGIEEFLIG GQASGWCSEG CQAIVDTGTS LLTVPQQYMS ALLQATGAQE DEYGQFLVNC NSIQNLPSLT FIINGVEFPL PPSSYILSNN GYCTVGVEPT YLSSQNGQPL WILGDVFLRS YYSVYDLGNN RVGFATAA

## [IDENTIFICATION]

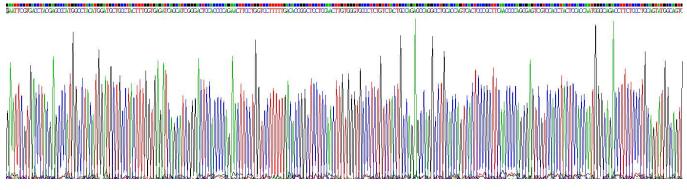


Figure . Gene Sequencing (extract)

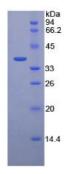


Figure. SDS-PAGE

## [<u>IMPORTANT NOTE</u>]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.