RPA049Gu01 100µg Recombinant Interferon Gamma (IFNg) Organism Species: Cavia (Guinea pig) *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: Gln24~Lys166 Tags: N-terminal His-Tag Subcellular Location: Secreted. Purity: >92% Traits: Freeze-dried powder Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300. 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: 9.7 Predicted Molecular Mass: 18.2kDa

Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.

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

Reconstitute in 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.

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#### [SEQUENCE]

QSRFTNE IRILKNYFNA DNSDVGDNGT LFVGILKNCQ EESERKIFQS QIVSFYFKLF EKHFTDNQTV QNSMNTIKEQ IITKFFKDNS SNKVQAFKNL IQISVNDEHV QRQAIIELKK VIDDLSPNQR KRRRTQMLFQ SRRASK

#### [IDENTIFICATION]

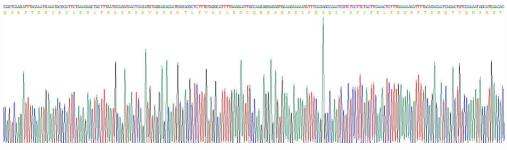


Figure 1. Gene Sequencing (Extract)

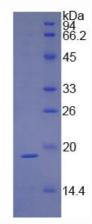


Figure 2. SDS-PAGE