Cloud-Clone Corp.

EPA033Bo62 100µg

Eukaryotic Interferon Alpha (IFNa)

Organism Species: *Bos taurus; Bovine (Cattle)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

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[PROPERTIES]

Source: Eukaryotic expression

Host: 293F Cell

Residues: Cys24~Asp189

Tags: N-terminal His Tag and C-terminal Fc Region of Human IgG1

Subcellular Location: Secreted

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 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: 9.4

Predicted Molecular Mass: 50.0kDa

Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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 2-8ºC for one month.

Aliquot and store at -80ºC 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]

CHLPHSH SLAKRRVLTL LRQLRRVSPS
SCLQDRNDFA FPQEALGGSQ LQKAQAISVL HEVTQHTFQL FSTEGSAAVW
DESLLDRLRT ALDQQLTDLQ ACLRQEEGLP GAPLLKEDSS LAVRKYFHRL
TLYLQEKRHS PCAWEVVRAQ VMRAFSSSTN LQERFRRKD

[IDENTIFICATION]

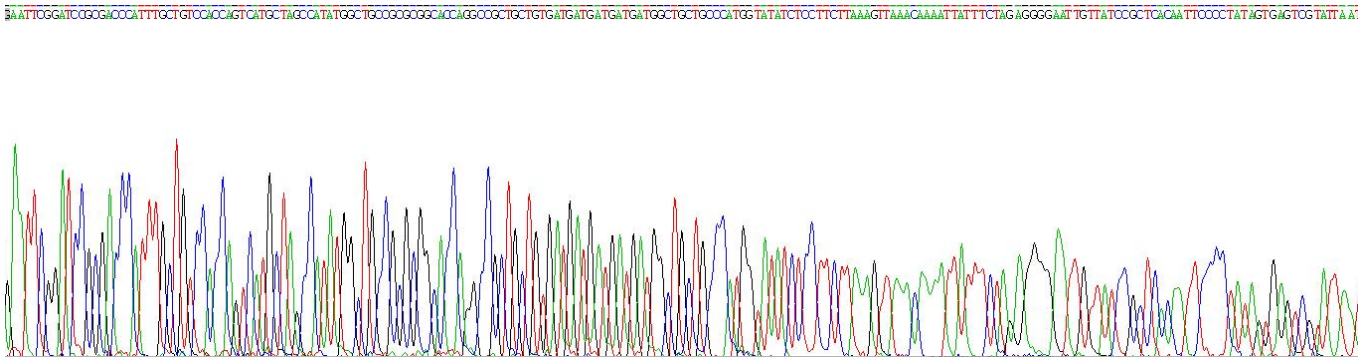

Figure . Gene Sequencing (extract)

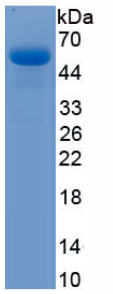

Figure. SDS-PAGE

[IMPORTANT NOTE]

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.