

RPA051Hu01 100µg Recombinant Insulin Like Growth Factor 2 (IGF2) Organism Species: *Homo sapiens (Human)* Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

## Coud-Clone Corp.

## [PROPERTIES]

Source: Prokaryotic expression Host: *E.coli* Residues: Ala25~Glu91 Tags: N-terminal His Tag Subcellular Location: Secreted Purity: > 90% Traits: Freeze-dried powder Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose . Original Concentration: 50µg/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: 6.3

Predicted Molecular Mass: 11.2kDa

Accurate Molecular Mass: 14kDa as determined by SDS-PAGE reducing conditions.

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

Reconstitute in  $ddH_2O$  to a concentration of 0.1-0.2 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.

AYRPSETLCGGELVDTLQFVCGDRGFYFSRPASRVSRRSRGIVEECCFRSCDLALLETYCATPAKSE

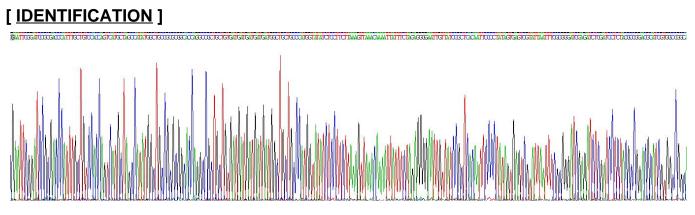


Figure . Gene Sequencing (extract)

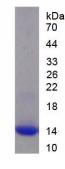


Figure. SDS-PAGE

### [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.