Cloud-Clone Corp.

RPF303Mu01 50μg

Recombinant Cytokine Receptor Like Factor 1 (CRLF1)

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Arg110~Asp408

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 100µg/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: 8.7

Predicted Molecular Mass: 37.6KDa

Accurate Molecular Mass: 35kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH$_2$O 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]

```
        R QQSGDNLVCH ARDGSILAGS CLYVGLPPEK PFNISCWSRN
MKDLTCRWTP GAHGETFLHT NYSLKYKLRW YGQDNTCEEY HTVGPHSCHI
PKDLALFTPY EIWVEATNRL GSARSDVLTL DVLDVVTTDP PPDVHVSRVG
GLEDQLSVRW VSPPALKDFL FQAKYQIRYR VEDSVDWKVV DDVSNQTSCR
LAGLKPGTVY FVQVRCNPFG IYGSKKAGIW SEWSHPTAAS TPRSERPGPG
GGVCEPRGGE PSSGPVRREL KQFLGWLKKH AYCSNLSFRL YDQWRAWMQK
SHKTRNQD
```
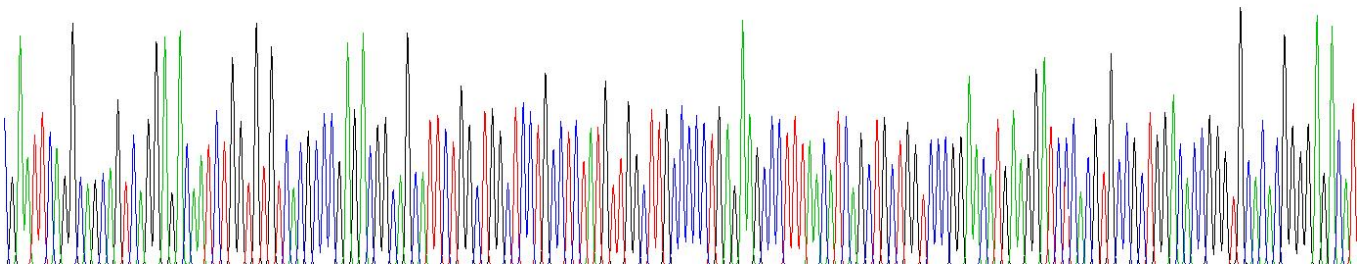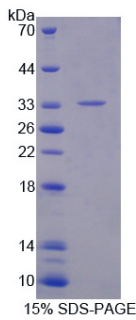
[IDENTIFICATION]

Figure . Gene Sequencing (extract)

15% 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.