RPA056Ra01 10µg
Recombinant Interleukin 10 (IL10)
Organism Species: Rattus norvegicus (Rat)

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: Ser19~Asn178
Tags: N-terminal His Tag
Subcellular Location: Secreted
Purity: > 97%
Traits: Freeze-dried powder
Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 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: 9.1
Predicted Molecular Mass: 22.2kDa
Accurate Molecular Mass: 23kDa as determined by SDS-PAGE reducing conditions.

[ USAGE ]
Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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**

```
SK GHSIRGDNC THFPVSQ0THM LRELRAAFSQ
VKTFFQKKDO LDNIILLTDL LQDFK6YLGC QAISENIFY LV6VMPOAEN
HGPEIKHELIN SLGEKLTLW IQLRRCHRFL PQENKSAVE QVKNDFNKLQ
DKGVYKAMNE FDIFINCIIEA YVTLKMKN
```

**Identification**

```
SKGHSIRGDNC THFPVSQ0THM LRELRAAFSQ VKTFFQKKDO LDNIILLTDL LQDFK6YLGC QAISENIFY LV6VMPOAEN HGPEIKHELIN SLGEKLTLW IQLRRCHRFL PQENKSAVE QVKNDFNKLQ DKGVYKAMNE FDIFINCIIEA YVTLKMKN
```

**Figure. Gene Sequencing (extract)**

![Gene Sequencing Chart](image)

**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.