

# Eukaryotic Interleukin 10 (IL10)

## Instruction Manual

### SFPA035Ra61

#### Rattus norvegicus (Rat)

<b>Source</b>	Eukaryotic expression
<b>Host</b>	293F cell
<b>Endotoxin Level</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Subcellular Location</b>	Secreted
<b>Predicted Molecular Mass</b>	20.3kDa
<b>Accurate Molecular Mass</b>	22kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ser19~Asn178 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	8.8
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

#### SEQUENCE

```
SK GHSIRGDNNC THFPVSQTHM LRELRAAFSQ  
VKTFQKQKLDQ LDNILLTDSL LQDFKGYLGC QALSEMIKFY LVEVMPQAEN  
HGPEIKEHLN SLGEKCLKTLW IQLRRCHRFL PCENKSKAVE QVKNDFNKLQ  
DKGVYKAMNE FDIFINCIEA YVTLKMKM
```

#### USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## STABILITY

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.

## Image

ATGAGGCGATTCGATGCGGGTGGAGGAGCTGGGGCTTCGGTGGCCGAGCCAGCTGGAGCTGGGGTGCCTGAGTGAAGTGAAGTTCTTGAAGGGGAGCGCTGGACAGCCATCTGGAGTACTTACGGAGATTGAGGATCTGGATTCGAGAGCTTGGAGAGTTCGAGAGTT  
S K G H S I R G D N F C T H P P V S Q T E M L R E L R A A F S Q V K T F F Q K K D Q I D R I L L T D S L L Q D F K G Y L G C Q A L S E M I K F

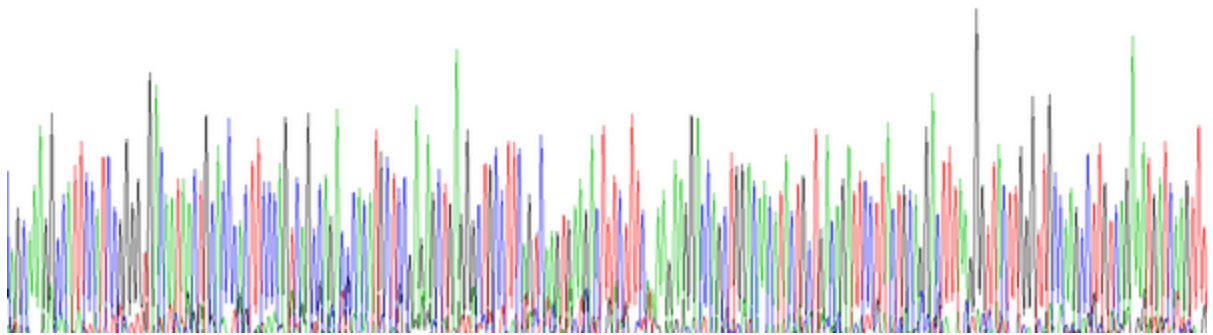


Figure. SDS-PAGE

## **[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.