

# Eukaryotic Interleukin 6 (IL6)

## Instruction Manual

### SFPA051Mu61

#### Mus musculus (Mouse)

<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>	23.3kDa
<b>Accurate Molecular Mass</b>	27-36kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Phe25~Thr211 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	6.5
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

#### SEQUENCE

```
FPTSQV RRGDFTEDTT PNRPVYTTTSQ
VGGLITHVLW EIVEMRKELC NGNSDCMNND DALAENNLKL PEIQRNDGCY
QTGYNQEICL LKISSGLLEY HSYLEYMKNN LKDNKKDKAR VLQRDTETLI
HIFNQEVKDL HKIVLPTPIS NALLTDKLES QKEWLRTKTI QFILKSLEEF
LKVTLRSTRQ T
```

#### USAGE

Reconstitute in PBS or others.

#### STORAGE

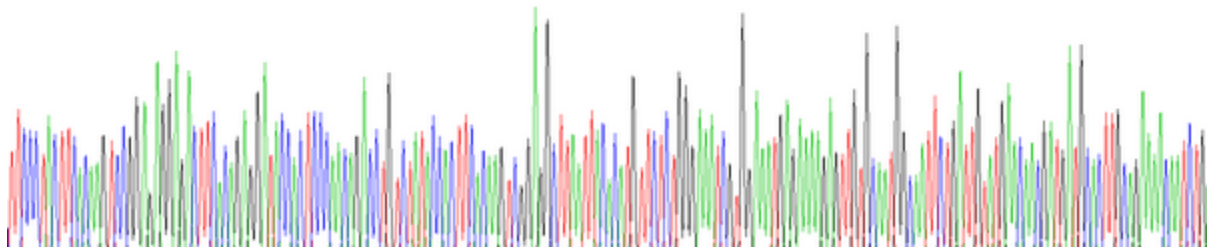
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## 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

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



SDS-PAGE 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.