

# Recombinant FK506 Binding Protein 5 (FKBP5) Instruction Manual

## SIPE836Mu01

### Mus musculus (Mouse)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Nucleus, Cytoplasm
<b>Predicted Molecular Mass</b>	52.1kDa
<b>Accurate Molecular Mass</b>	52kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Thr2~Val456 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	7.6
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

```
TTDEGTSNN GENPAATMTE QGEDITTKKD RGVLKIVKRV GTSDEAPMFG
DKVYVHYKGM LSDGKKFDSS HDRKKPFAFS LGQGQVIKAW DIGVSTMKKG
EICHLCKPE YAYGSAGHLQ KIPSNATLFF EIELLDFKGE DLFEDSGVIR
RIKRKGEYS NPNEGATVKV HLEGCCGRT FDCRDVVFVW GEGEDHDIPI
GIDKALVKMQ REEQCILYLG PRYGFGEAGK PKFGIDPNAE LMYEVTLKSF
EKAKESWEMD TKEKLTQAAI VKEKGTVYFK GGKYTQAVIQ YRKIVSWLEM
EYGLSEKESK ASESFLAAF LNLAMCYLKL REYNKAVECC DKALGLDSAN
EKGLYRRGEA QLLMNFESA KGDFEKVLAV NPQNRAARLQ ISMCQRKAKE
HNERDRRVYA NMFKKFAERD AKEEASKAGS KKAVEGAAGK QHESQAMEEG
KAKGHV
```

### USAGE

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.4 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

GAATTCTACTGATGAGGGACOCAGTAACTGGAGAGACCCAGCCOCCATGACTGAGCAGGGTGAAGATTCCTAOGAAGAGAGAGAGGACTTTAAAGATTGTCAAAGAGTGGGGACTAGTGAAGAGCCOCCATGTTTGTGACAAAGTTTATGTCCCTACAAAG

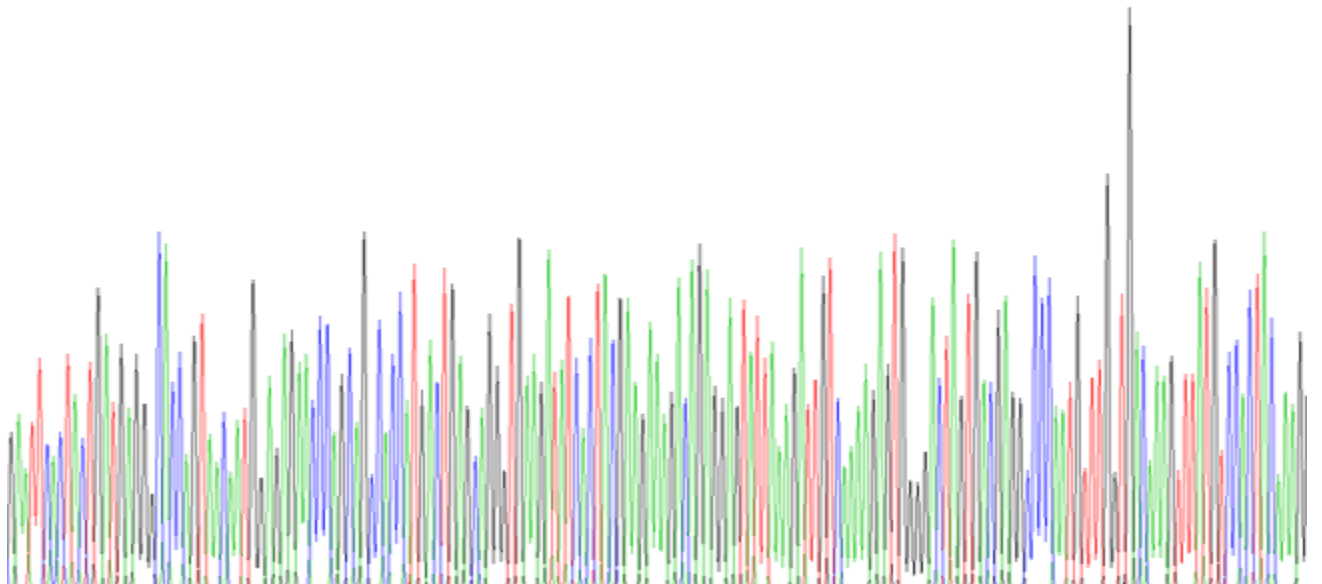


Figure. SDS-PAGE

## **[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.