

# Recombinant Fibrinogen Beta Chain (FGB) Instruction Manual

## SIPB707Mu01

### 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>	Secreted
<b>Predicted Molecular Mass</b>	52.3kDa
<b>Accurate Molecular Mass</b>	55kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Gly35~Gln481 with N-terminal His Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	8.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

```
                                GHRPVD RRKEEPPSLR
PAPPPISGGG YRARPAKATA NQKKVERRPP DAGGCLHADT DMGVLCPGTC
TLQQTLLNQE RPIKSSIAEL NNNIQSVSDT SSVTFQYLTL LKDMWKKKQA
QVKENENVIN EYSSILEDQR LYIDETVNDN IPLNLRVLRV ILEDLRSKIQ
KLESDISAQM EYC RTPCTVS CNIPVVS GKE CEEIIRK GGE TSEMYLIQPD
TSIKPYRVYC DMKTENGGWT VIQNRQDGSV DFGRKWDPYK KGFGNIATNE
DAKKYCGLPG EYWLGN DKIS QLTRMGPTL LIEMEDWKGD KVKAHYGGFT
VQNEASKYQV SVNKYKGTAG NALMDGASQL VGENRTMTIH NGMFFSTYDR
DNDGWVTTDP RKQCSKEDGG GWWYNRCHAA NPNGRYYWGG LYSWDMSKHG
TDDGVVMMNW KGSWYSMRRM SMKIRPFFPQ Q
```

### USAGE

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

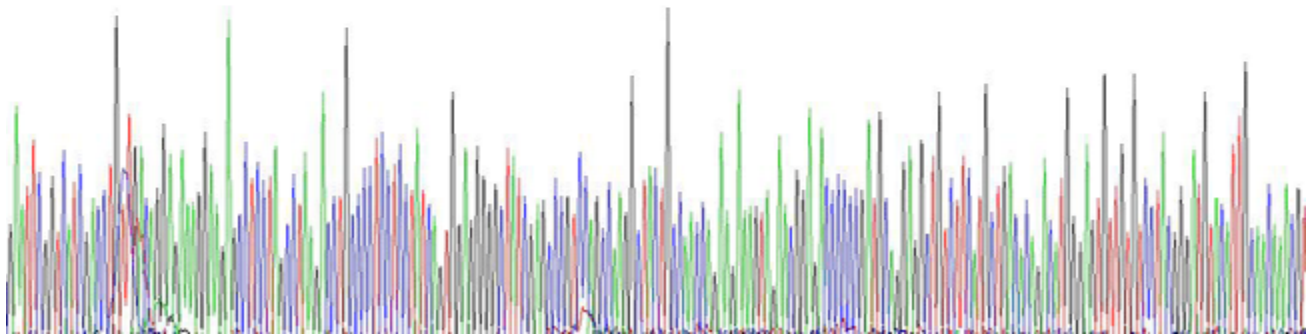
## STORAGE

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



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.

