

# Recombinant Fibrinogen Gamma (FGg) Instruction Manual

## SIPC655Ga01

### Chicken (Gallus)

<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>	48.2kDa
<b>Accurate Molecular Mass</b>	48kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Tyr27~Ser435 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>	> 97%
<b>Isoelectric Point</b>	5.7
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

```
YIAT RENCCILDER FGSYCPTTCG
IADFFNKYRL TTDGELLEIE GLLQQATNST GSIEYLIQHI KTIYPSEKQT
LPQSIEQLTQ KSKKIIEEII RYENTILAHE NTIQQLTDMH IMNSNKITQL
KQKIAQLESH CQEPCKDTAE IQETTGRDCQ DIANKGARKS GLYFIKPQKA
KQSFLVYCEI DTYGNGWTVL QRRLDGSEDF RRNwVQYKEG FGHLSPDDTT
EFWLGNEKIH LITTQSTLPY ALRIELEDWS GKKGTADYAV FKVGTEDDKY
RLTYAYFIGG ERGDAFDGFN FGDDPSDKSY TYHNGMRFST FDNDNDNFEG
NCAEQDGSGW WMNRCHAGHL NGPYYIGGVY SRDTGTNSYD NGIIWATWRD
RWYSMKKTTM KIIPFNRLSI DGQQHSGGLK QVGDS
```

### USAGE

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

### STORAGE

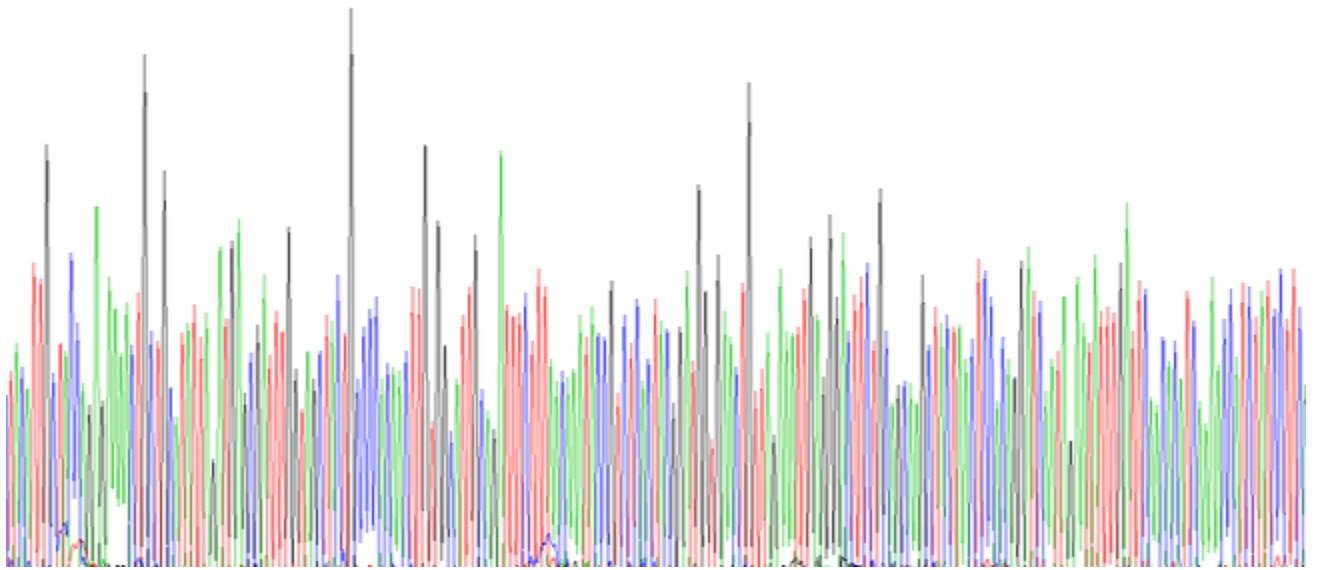
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## 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

TEATGSGTCTGACAAATGCTGATATGATGACGATTTGGTCTCTGTCCTGCACTTCTGGGATTCCTTTACAACTGCGCTCTATGGGATGGTACCTGTACAACTGAGGATTCGAGCACTCTACTCTCAGGATCAATGATATTGATTCAGTCAAAACACTCTCTCTG  
YIATRENC CILDERFGSYCPTTCGIADFFNXYRLTTDGEELLEIEGLLQQATWSTGSIETLIQHIKTIYPS



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.