

Recombinant Fibrinogen Beta Chain (FGB) Instruction Manual

SIPB707Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	57.4kDa
Accurate Molecular Mass	57kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly33~Gln479 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	6.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                GHRPVDRR  KEEPPSLRPA
PPPIISGGGYR  ARPAKVDAGQ  KKVERKPPDA  GGCVHGDGDM  GVLCPGCEL
RQTLLNHERP  IKNSIAELNS  NINSVSETSS  VTFQYLTLK  DMWKKKQAV
KDNENVINEY  SSILEDQKLY  IDETVNDNIP  LNLRLRSIL  EDLRSKIQKL
ESDISAQTEY  CHTPCTVNCN  IPVVSGKECE  EIIRKGGETS  EMYLIQPDS
SKPYRVYCDM  KTENGGWTVI  QNRQDGSVDF  GRKWDPYKKG  FGNIATNEDT
KKYCGLPGEY  WLGNDKISQL  TRIGPTELLI  EMEDWKGDV  KAHYGGFTVQ
TEANKYQVSV  NKYKGTAGNA  LMEGASQLVG  ENRTMTIHNG  MFFSTYDRDN
DGVVTTDPRK  QCSKEDGGGW  WYNRCHAANP  NGRYYWGGGLY  SWDMSKHGTD
DGVVWMNWK  SWYSMRRMSM  KIRPVFPQQ
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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

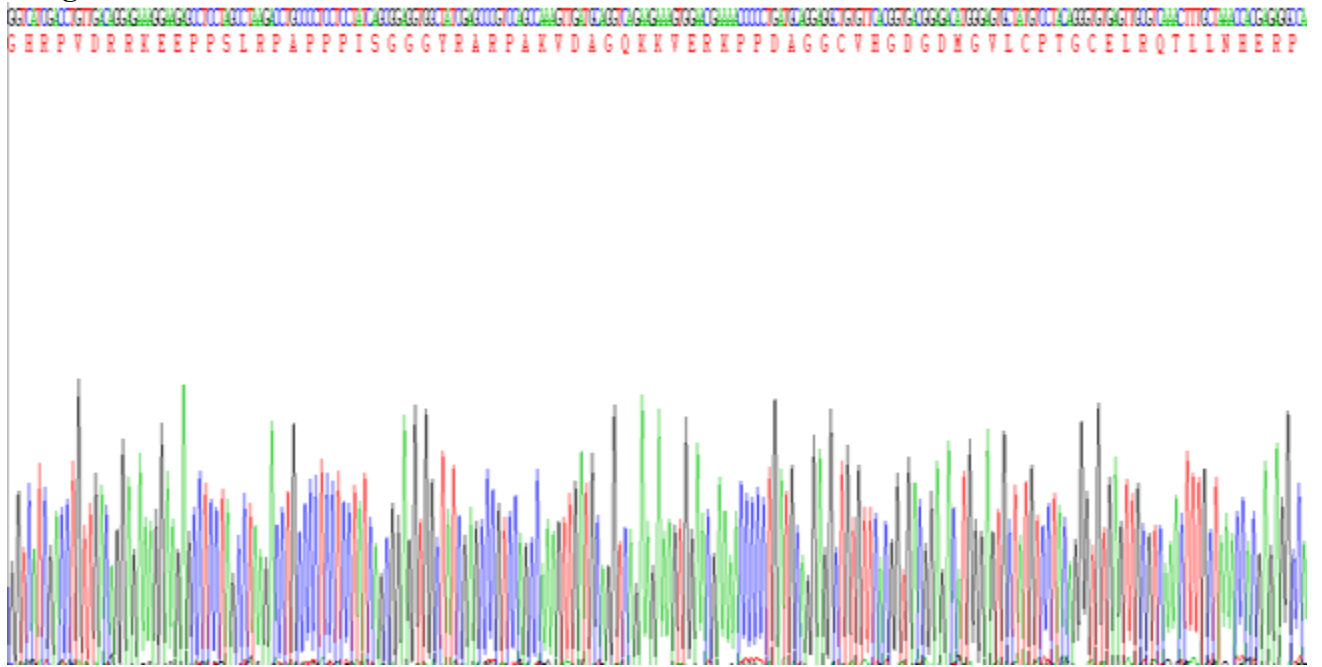


Figure. SDS-PAGE

[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.