

Recombinant Fibrinogen Beta Chain (FGB) Instruction Manual

SIPB707Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	59.2kDa
Accurate Molecular Mass	59kDa(Analysis of differences refer to the manual)
Residues & Tags	Lys29~Gln491 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
KS QGVNDNEEGF FSARGHRPLD
KKREEAPSLR PAPPPIISGGG YRARPAKAAA TQKKVERKAP DAGGCLHADP
DLGVLCPTGC QLQEALLQQE RPIRNSVDEL NNNVEAVSQT SSSSFQMYL
LKDLWQKRQK QVKDNENVVN EYSSELEKHQ LYIDETVNSN IPTNLRVLRS
ILENLRSKIQ KLESDVSAQM EYCRTPCTVS CNIPVVSGKE CEEIIRKGGE
TSEMYLIQPD SSVKPYRVYC DMNTENGGWT VIQNRQDGSV DFGRKWDYPK
QGFQNVATNT DGKNYCGLPG EYWLGNKIS QLTRMGPTL LIEMEDWKGD
KVKAHYGGFT VQNEANKYQI SVNKYRGTAG NALMDGASQL MGENRTMTIH
NGMFFSTYDR DNDGWLTS DP RKQCSKEDGG GWWYNRCHAA NPNGRYWGG
QYTWDMAKHG TDDGVVWMNW KGSWYSMRKM SMKIRPFFPQ Q
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

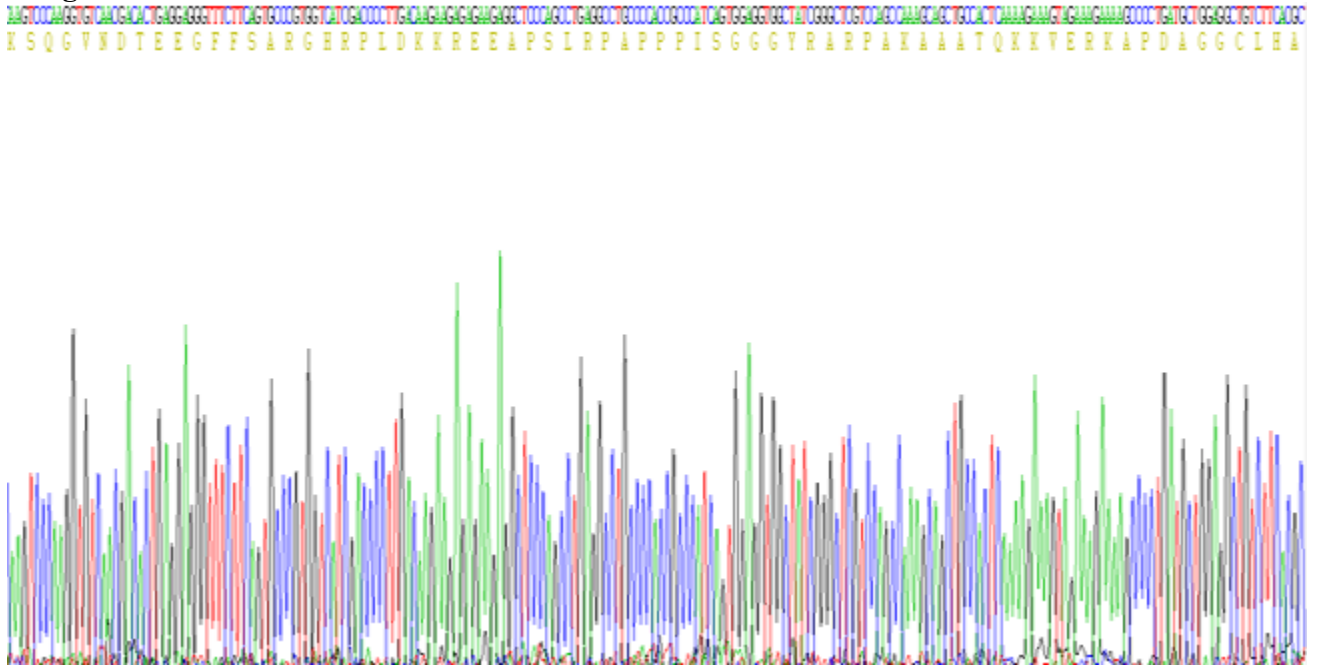
STORAGE

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.

