Recombinant Coagulation Factor XII (F12) Instruction Manual

SIPA622Ra02

Rattus norvegicus (Rat)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass56.0kDa

Accurate Molecular Mass 60kDa(Analysis of differences refer to the manual)

Residues & Tags Val354~Phe595 with N-terminal His and GST Tag

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5%

Buffer FormulationTrehalose and Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 5.2

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

VVGGLVA LPGSHPYIAA LYWGDSFCAG SLIDPCWVLT AAHCLQKRPA PEELTVVLGQ DRHNQSCERC QTLAVHSYRL HEGFSSKTYQ HDLALLRLRG RKNSCAILSP HVQPVCLPSS AAPPSETVLC EVAGWGHQFE GAEEYATFLQ EAQVPFISLD RCSSSNVHGD AILPGMLCAG FLEGGADACQ GDSGGPLVCD EGVTERQLTL RGVISWGSGC GDRNKPGVYT DVANYLDWIQ EHTAF

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.

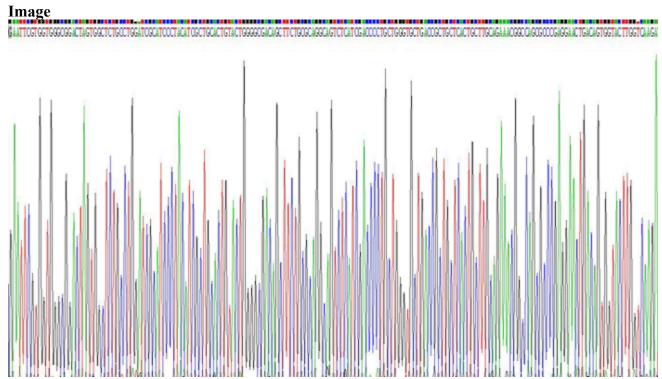


Figure. SDS-PAGE

[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.