

Recombinant Coagulation Factor X (F10) Instruction Manual

SIPA895Ra01

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	55.8kDa
Accurate Molecular Mass	70kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly21~Tyr482 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.05% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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GRSVFINRER ANNVLQRIRR ANSFFEEIKK
GNLERECVEE ICSFEEAREV FEDNEKTTEF WNKYEDGDQC ESSPCQNQGE
CRDGLGSYTC TCTEGFEGKN CELFVRKLCs LDNGDCDQFC REEQNSVVCs
CAKGYFLGND GKSCLSTAPF PCGKTNKGRA KRSVALNTSN SEPDPEDLMP
DADILYPTES PSELLNLNKT EPEANSDDVI RIVGGQECKR GECPWQALLF
SDEETDGF CG GTILNEFYIL TAAHCLHQAK RFKVRVGD LN TEQEDGGEMV
HEVDMIIKHN KFQRDTYDFD IAMLRLKTPI TFRENVAPAC LPQKDWA EAT
LMTQKTGIVS GFGRTHEKGR QSKVLKMM EV PYVDRNTCRL STSFSITQNM
FCAGYDAKQE DACQGDSGGP HVTRFKD TYF VTGIVSWGEG CAR KGKYGIY
TKVTAFLKWI DRSMKARVGP TSETPRLTHP PY
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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

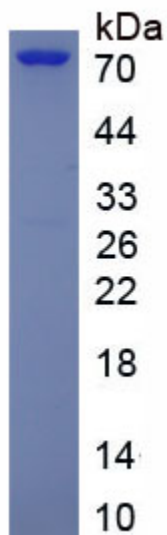


Figure. SDS-PAGE

[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.