Recombinant Coagulation Factor VII (F7) Instruction Manual

SIPB276Ra03

Rattus norvegicus (Rat)

Source Prokaryotic expression

Host E.coli

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

Subcellular LocationSecretedPredicted Molecular Mass58.0kDa

Accurate Molecular Mass 61kDa(Analysis of differences refer to the manual)
Residues & Tags Ile194~Leu446 with N-terminal His and GST Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 80% Isoelectric Point 7.4

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

SEQUENCE

				IVGGYVC
PKGECPWQAV	LKFNEALLCG	AVLLDTRWIV	TAAHCFDKFG	KLVNITVVLG
EHDFSEKEGT	EQVRLVEQVI	MPNKYTRGRT	DHDIALVRLH	RPVTFTDYVV
PLCLPERAFS	ENTLASIRFS	RVSGWGQLLD	RGATALELMV	IEVPRLMTQD
CLEHAKHSAN	TPRITENMFC	AGYMDGTKDA	CKGDSGGPHA	THYHGTWYLT
GVVSWGEGCA	AIGHIGVYTR	VSQYIDWLVK	YMDSKLRVGI	SRVSLL

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

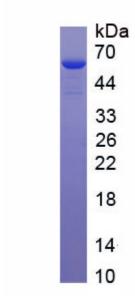


Figure. SDS-PAGE

[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.