

# Eukaryotic Stem Cell Factor (SCF) Instruction Manual

**SFPA076Po61**

**Sus scrofa; Porcine (Pig)**

<b>Source</b>	Eukaryotic expression
<b>Host</b>	293F cell
<b>Endotoxin Level</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Subcellular Location</b>	Membrane, Secreted
<b>Predicted Molecular Mass</b>	20.4kDa
<b>Accurate Molecular Mass</b>	20kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Thr25~Ala191 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	5.3
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
TQGICR NRVTDDVKDV TKLVANLPKD  
YKITLKYYVPG MDVLP SHCWI SEMVEQLSVS LTDLLDKFSN ISEGLSNYSI  
IDKLVKIVDD LVECMEHSF ENVKSSKSP EPRLFTPEKF FGIFNRSIDA  
FKDLEMVAPK TSECVISSTL TPEKDSRVSV TKPFMLPPVA A
```

## USAGE

Reconstitute in PBS or others.

## STORAGE

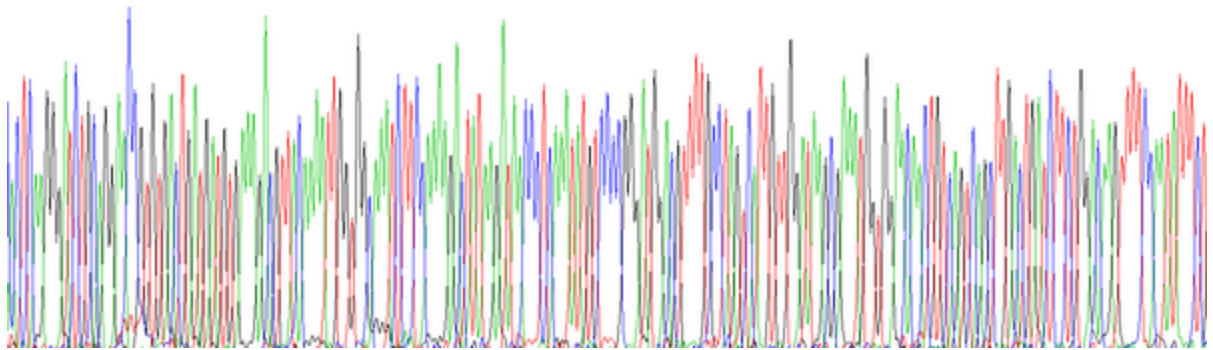
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## 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

ACTGAGGATCTGAGGAGCTGCTGCTGATGATGAGAGCTTACAAATTGGTCAATCTTCCAAAGCTATAGATATCCCTCAATGGCCCGGAGCTTTGCTAGTCATTGTGGGAAAGGAGTGGACACCTGGTGAAGCTGACTGATCTTCGGCAGTTTTCATATCTCT  
TGGICRNRVTD D V K D V T K L V A N L P K D T K I T L K Y V P G H D V L P S E C V I S E R V E Q L S V S I T D L L D K F S N I S



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.