

EPA120Ca61 100µg

Eukaryotic Stem Cell Factor (SCF)

Organism Species: *Canis familiaris*; Canine (Dog)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Eukaryotic expression

Host: 293F Cell

Residues: Lys26~Val274

Tags: N-terminal His Tag

Subcellular Location: Membrane, Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

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

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.0

Predicted Molecular Mass: 29.5kDa

Accurate Molecular Mass: 30/35kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

KGICG KRVTDDVKDV TKLVANLPKD
 YKIALKYVPG MDVLP SHCWI SVMVEQLSVS LTDLLDKFSN ISEGLSNYSI
 IDKLVKIVDD LVECTEGYSF ENVKKAPKSP ELRLFTPEEF FRIFNRSIDA
 FKDLETVASK SSECVSSTL SPDKDSRVSV TKPFMLPPVA ASSLRNDSSS
 SNRKASNSIG DSNLQWAAMA LPAFFSLVIG FAFGALYWKK KQPNLTRTVE
 NIQINEEDNE ISMLQEKERE FQEV

[IDENTIFICATION]

ATGGGATCTGGGGAACGCTGACTGATGATGAGAGCGGTTCAAAATTGGTGGCAATCTCCAAAGACTATAGATAGCCCTCAAAATGTCCTCCGGATGGATGTTTCCTAGCATGTGGTAAAGCGGATGGTGGACGTGGTGGTCCCTTGCATCTCTCTGGCAAGTTTCAATATTCTGAGCCCTGAGTATATCTATCATAGCAAC
 K G I C G K R V T D D V K D V T K L V A N L P K D Y K I A L K Y V P G M D V L P S H C W I S V M V E Q L S V S L T D L L D K F S N I S E G L S N Y S I I D K L

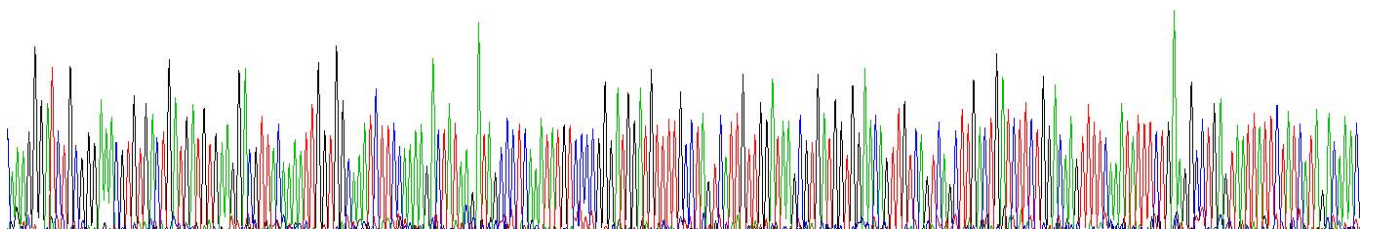


Figure. Gene Sequencing (Extract)



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.