

Stem Cell Factor Protein | SCF protein

Eukaryotic Stem Cell Factor (SCF)

CATALOG # AAA150157	HOST 293F Cell	APPLICATIONS Western Blot, SDS-Page
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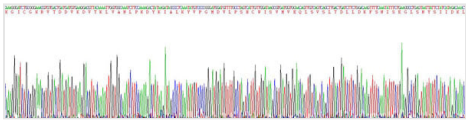
PRODUCT SYNONYMS

Stem Cell Factor; Eukaryotic Stem Cell Factor (SCF); KITLG; MGF; SF; KL1; Kitl; FPH2; Kit-Ligand; Steel Factor; Mast Cell Growth Factor; Steel factor; Familial Progressive Hyperpigmentation 2; SCF protein

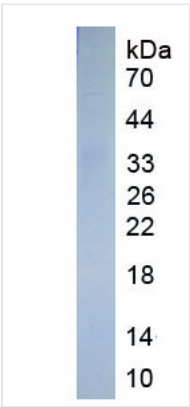
PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	>90%
Form/Format	Freeze-dried powder PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence Positions	Lys26~Val274
Sequence Length	37
Applicable Applications for SCF protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Dog
Tag	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Isoelectric Point	5
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree 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.

IMAGES



Gene Sequence
Figure. Gene Sequencing (Extract)



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for SCF protein	Cytokine; Hematology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1246100
NCBI GeneID	4254
Molecular Weight	Predicted Molecular Mass: 29.5kDa Accurate Molecular Mass: 30kDa, 35kDa
NCBI Official Full Name	stem cell factor, partial
NCBI Official Synonym Full Names	KIT ligand
NCBI Official Symbol	KITLG
NCBI Official Synonym Symbols	SF; MGF; SCF; SLF; DCUA; FPH2; FPHH; KL-1; Kitl; SHEP7; DFNA69
NCBI Protein Information	kit ligand

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/293f-cell-scf-protein/stem-cell-factor/150157>