

Stem Cell Factor (SCF) Recombinant Protein | SCF recombinant protein

Recombinant Stem Cell Factor (SCF)

CATALOG # AAA134490	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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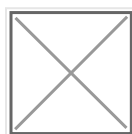
PRODUCT SYNONYMS

Stem Cell Factor (SCF); Recombinant Stem Cell Factor (SCF); SCF recombinant protein

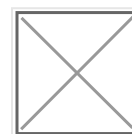
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GS-KTKE ICGNPVTDNV KDITKLVANL PNDYMITLNY VAGMDVLPSH CWLRDMVIQL SLSLTLLDK FSNISEGLSN YSIIDKLGKI VDDLVCME E NAPKNIKESP KRPETRSFTP EEFFSIFNRS IDAFKDFMVA SDTSDCVLSS TLGPEKDSRV SVTKPFMLPP VAASSLRNDS SSSNRKAAKA PEDSGLQWTA MALPALISLV IGFAFGALYW KKKQSSLTRA
Sequence Length	273
Applicable Applications for SCF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Lys24-Ala247 (Accession # P20826) with N-terminal His-Tag
Subcellular Location	Cell membrane; Single-pass type I membrane protein
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	7.1
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	7305267
NCBI GeneID	17311
NCBI Accession #	NP_038626.1
NCBI GenBank Nucleotide #	NM_013598.2
UniProt Accession #	P20826; P97332; Q3TNJ7; Q62524; Q64222; Q921N5
Molecular Weight	26.0kDa
NCBI Official Full Name	kit ligand
NCBI Official Synonym Full Names	kit ligand
NCBI Official Symbol	Kitl
NCBI Official Synonym Symbols	Gb; SF; Sl; Clo; Con; Mgf; SCF; SLF; blz; Kitlg; contrasted
NCBI Protein Information	kit ligand; cloud gray; C-kit ligand; Steel factor; grizzle-belly; stem cell factor; mast cell growth factor; hematopoietic growth factor KL
UniProt Protein Name	Kit ligand
UniProt Gene Name	Kitlg
UniProt Synonym Gene Names	Kitl; Mgf; Sl; Slf; MGF; SCF; sKITLG
UniProt Entry Name	SCF_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/kitlg-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134490>