

Stem Cell Factor Receptor (SCFR) Recombinant Protein | SCFR recombinant protein

Eukaryotic Stem Cell Factor Receptor (SCFR)

CATALOG # AAA152026	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
-------------------------------	--------------------------	---

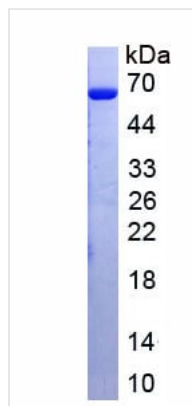
PRODUCT SYNONYMS

Stem Cell Factor Receptor (SCFR); Eukaryotic Stem Cell Factor Receptor (SCFR); SCFR/Stem Cell Factor Receptor; CD117; KIT; C-Kit; PBT; p145 c-Kit; C-Kit Receptor; Tyrosine-Protein Kinase; V-Kit Hardy-Zuckerman 4 Feline Sarcoma Viral Oncogene Homolog; Piebald Trait; SCFR recombinant protein

PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Gln26~Pro5 24
Applicable Applications for SCFR recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Eukaryotic expression
Species	Human
Isoelectric Point	6.4
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Membrane, Cytoplasm
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Sequence

```

QPSVS  PGEPSPPSIH  PGKSDLIVRV
GDEIRLLCTD  PGFVKWTFEI  LDETENKQN  EWITEKAEAT  NTGKYTCTNK
HGLSNSIYVF  VRDPAKLFLV  DRSLYGKEDN  DTLVRCPLTD  PEVTNYSLKG
CQGKPLPKDL  RFIPDPKAGI  MIKSVKRAYH  RLCLHCSVDD  EGKSVLSEKF
ILKVRPAFKA  VPVSVSKAS  YLLREGEEFT  VTCTIKDVSS  SVYSTWKREN
SQTKLQEKYN  SHHGDFFNYE  RQATLTISSA  RVNDSQVPMC  YANNTFGSAN
VTTTLEVVDK  GFINIFPMIN  TTVFVNDGEN  VDLIVEYEAF  PKPEHQQWIY
MNRTFTDKWE  DYPKSENESE  IRYVSELHLT  RLKGTEGGTY  TFLVNSQSVN
AAIAFNYYVN  TKPEILTYDR  LVNGMLQCV  AGFPEPTIDW  YFCPGTEQRC
SASVLPVDVQ  TLNSSGPPFG  KLVQSSIDS  SAFKHNGTVE  CKAYNDVGKT
SAYFNAFKG  NNKEQIHPHT  LFTP

```

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for SCFR recombinant protein	Signal transduction; Tumor immunity; Hematology; Eukaryotic Recombinant proteins/EP
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557695
NCBI GeneID	3815
NCBI Accession #	NP_000213.1
NCBI GenBank Nucleotide #	NM_000222.2
UniProt Accession #	P10721; Q6IQ28; Q99662; Q9UM99; B5A956; D5LXN2; D5M931; F5H8F8
Molecular Weight	109,865 Da
NCBI Official Full Name	mast/stem cell growth factor receptor Kit isoform 1
NCBI Official Synonym Full Names	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
NCBI Official Symbol	KIT
NCBI Official Synonym Symbols	PBT; SCFR; C-Kit; CD117
NCBI Protein Information	mast/stem cell growth factor receptor Kit; p145 c-kit; proto-oncogene c-Kit; piebald trait protein; soluble KIT variant 1; tyrosine-protein kinase Kit; proto-oncogene tyrosine-protein kinase Kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene-like
UniProt Protein Name	Mast/stem cell growth factor receptor Kit
UniProt Gene Name	KIT
UniProt Synonym Gene Names	SCFR; SCFR; PBT
UniProt Entry Name	KIT_HUMAN

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.