

# Product datasheet for SA6056

## **KITLG / SCF Human Protein**

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** KITLG / SCF human recombinant protein, 0.1 mg Species: Human E. coli **Expression Host:** Expression cDNA Clone MEGICRNRVT NNVKDVTKLV ANLPKDYMIT LKYVPGMDVL PSHCWISEMV VQLSDSLTDL LDKFSNISEG LSNYSIIDKL VNIVDDLVEC VKENSSKDLK KSFKSPEPRL FTPEEFFRIF NRSIDAFKDF or AA Sequence: VVASETSDCV VSSTLSPEKD SRVSVTKPFM LPPVA Predicted MW: 18.5 kDa **Concentration:** lot specific **Purity:** >95% by SDS-PAGE **Buffer:** Presentation State: Purified State: Liquid protein Buffer System: Phosphate buffer saline (pH 7.4) **Preparation:** Liquid protein **Protein Description:** Recombinant human SCF was expressed in E. coli and purified by conventional column chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. Storage: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and thawing. Stability: Shelf life: one year from despatch. RefSeq: NP 000890 4254 Locus ID: **UniProt ID:** P21583, A0A024RBC0 **Cytogenetics:** 12q21.32 Synonyms: DCUA; DFNA69; FPH2; FPHH; Kitl; KL-1; MGF; SCF; SF; SHEP7; SLF



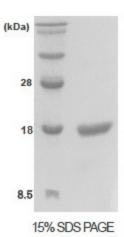
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	KITLG / SCF Human Protein – SA6056
Summary:	This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Protein Families	: Druggable Genome, Transmembrane
Protein Pathwa	<b>ys:</b> Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Melanogenesis, Pathways in cancer

## Product images:



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