

## PRODUCT INFORMATION

<b>Target</b>	SCF
<b>Synonyms</b>	SF; MGF; SCF; SLF; DCUA; FPH2; FPHH; KL-1; Kitl; WS2F; SHEP7; DFNA69
<b>Description</b>	Recombinant human SCF Protein with C-terminal 10×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P21583
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-10×His tag
<b>Molecular Characterization</b>	SCF(Glu26-His214) 10×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 22.4.0 kDa after removal of the signal peptide. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Purity</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Formulation &amp; Reconstitution</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Storage&amp;Shipping</b>	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]
<b>Background</b>	Research use only
<b>Usage</b>	Unconjugated



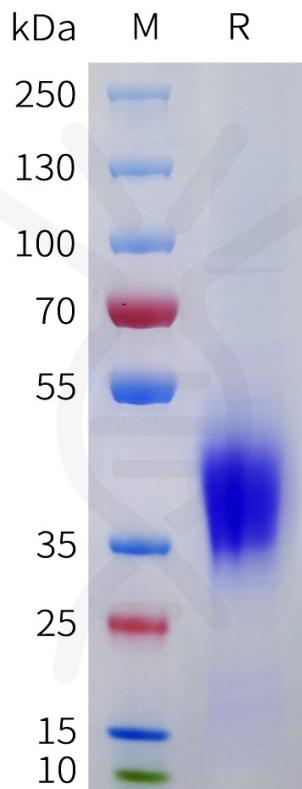


Figure 1. Human SCF Protein, His Tag on SDS-PAGE under reducing condition.

