

PRODUCT INFORMATION

SCF Target

SF; MGF; SCF; SLF; DCUA; FPH2; FPHH; KL-1; Kitl; WS2F; SHEP7; DFNA69 **Synonyms**

Recombinant human SCF Protein with C-terminal **Description**

10×His tag

Delivery In Stock **Uniprot ID** P21583 **Expression Host HFK293**

Tag C-10×His tag

Molecular

Purity

Background

SCF(Glu26-His214) 10×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 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.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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]

Usage Research use only

Conjugate Unconjugated







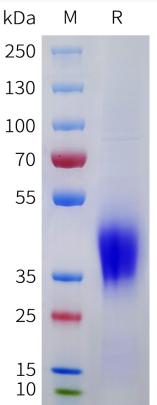


Figure 1. Human SCF Protein, His Tag on SDS-PAGE under reducing condition.

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