

## 32-17630: Recombinant Human SCF Protein, hFc Tag

**Uniprot ID :** P21583

**Alternative Name :** DCUA, DFNA69, FPH2, FPHH, Kitl, KL-1, MGF, SCF, SF, SHEP7, SLF

### Description

Molecular Characterization: SCF(Glu26-His214) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 47.2 kDa after removal of the signal peptide. The apparent molecular mass of SCF-hFc is approximately 55-75 kDa due to glycosylation.

Description: Recombinant human SCF protein with C-terminal human Fc tag

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.

### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.