

## SCF recombinant protein

Human SCF Protein, hFc Tag

CATALOG #  
**AAA47470**

HOST  
**HEK293 cells**

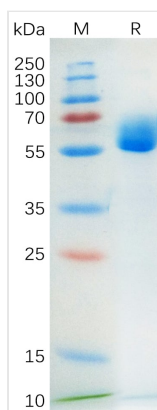
### PRODUCT SYNONYMS

SCF; Human SCF Protein; hFc Tag; DCUA; DFNA69; FPH2; FPHH; Kitl; KL-1; MGF; SF; SHEP7; SLF; SCF recombinant protein

### PRODUCT SPECIFICATIONS

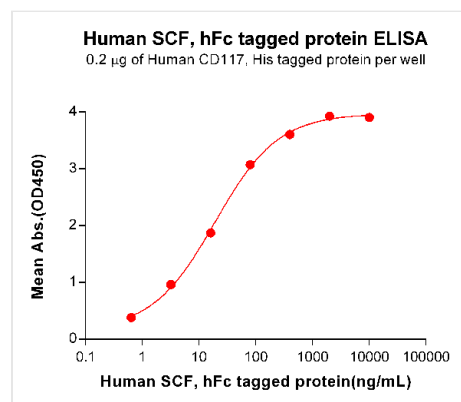
|                         |                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                 |
| Purity/Purification     | >95%; affinity purification                                                                                  |
| Form/Format             | Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. |
| Sequence                | SCF(Glu26- His214)+hF c(Glu99-Al a330)                                                                       |
| Species                 | Human                                                                                                        |
| Tag                     | C-Human Fc tag                                                                                               |
| Reconstitution          | Reconstitute with deionized water                                                                            |
| Preparation and Storage | Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)                                    |

### IMAGES



SDS-PAGE

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



ELISA

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

### ADDITIONAL INFORMATION

#### Related Product Information for SCF recombinant protein

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]

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4505175                                                                                                                     |
| NCBI GeneID                      | 4254                                                                                                                        |
| NCBI Accession #                 | NP_000890.1                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_000899.4                                                                                                                 |
| UniProt Accession #              | P21583; Q16487; Q68DZ2; Q7M4N8; Q9UQK7; A0AV09; A8K2Q4; B7ZLM4                                                              |
| Molecular Weight                 | 273                                                                                                                         |
| NCBI Official Full Name          | kit ligand isoform b                                                                                                        |
| NCBI Official Synonym Full Names | KIT ligand                                                                                                                  |
| NCBI Official Symbol             | KITLG                                                                                                                       |
| NCBI Official Synonym Symbols    | SF; MGF; SCF; FPH2; KL-1; Kitl; SHEP7                                                                                       |
| NCBI Protein Information         | kit ligand; c-Kit ligand; steel factor; stem cell factor; mast cell growth factor; familial progressive hyperpigmentation 2 |
| UniProt Protein Name             | Kit ligand                                                                                                                  |
| UniProt Gene Name                | KITLG                                                                                                                       |
| UniProt Synonym Gene Names       | MGF; SCF; MGF; SCF; sKITLG                                                                                                  |
| UniProt Entry Name               | SCF_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.

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Online datasheet: <https://stage.aaabiotech.com/kitlg-recombinant-protein-hek293-cells/47470>