

Human CellExp SCF, Human recombinant protein
Human Cellexp Human Recombinant SCF
Catalog # PBV10710r**Specification**

Human CellExp SCF, Human recombinant protein - Product info

Primary Accession [P21583](#)
Calculated MW **35 to 45 kDa, monomer, glycosylated KDa**

Human CellExp SCF, Human recombinant protein - Additional Info

Gene ID **4254**
Gene Symbol **KITLG**

Other Names

Kit ligand Precursor, C-kit ligand, SCF, Mast cell growth factor, MGF, SF, KL-1, Kit I, DKFZp686F2250.

Gene Source **Human**
Source **Human 293 cell expressed**
Assay&Purity **SDS-PAGE; > 95%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Results **5 to 25 ng/ml**

Application Notes

Reconstitute in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

Format

Lyophilized

Storage

-80°C; Lyophilized in PBS.

Human CellExp SCF, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp SCF, Human recombinant protein - Images**Human CellExp SCF, Human recombinant protein - Background**

Stem cell factor / KIT ligand (SCF) is a cytokine which binds CD117(c-Kit). SCF is also known as "steel factor" or "c-kit ligand". SCF exists in two forms; cell surface bound SCF and soluble (or free) SCF. Soluble SCF is produced by the cleavage of surface bound SCF by metalloproteases. SCF is a growth factor important for the survival, proliferation, and differentiation of hematopoietic stem cells and other hematopoietic progenitor cells. One of its roles is to change the BFU-E (burst-forming unit-erythroid) cells, which are the earliest erythrocyte precursors in the erythrocytic series, into the CFU-E (colony-forming unit-erythroid).

Human CellExp SCF, Human recombinant protein - References

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