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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 l, 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 Cytomety
- Cell Culture

Human CellExp SCF, Human recombinant protein - Images

Human CellExp SCF, Human recombinant protein - Background

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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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