

## Human SCF (glycosylated, HEK)

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

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order #	Lot #	Expiry Date
2 µg	1885.955.002		
10 µg	1885.955.010		
1 mg	1885.955.199		

Please enquire for bulk quantities and other vial sizes

### Description

SCF Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 35-45kDa due to glycosylation.

- **Source** HEK
- **Purity** ≥ 95% (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** SCF was lyophilized from a 0.2µm filtered solution (1mg/ml) containing 1xPBS\*
- **Physical state** Sterile filtered, lyophilized

### Biological Activity

The specific activity was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line). The EC50 is 15.25ng/ml.

### Reconstitution

It is recommended to reconstitute the lyophilized SCF in sterile PBS containing 0.1% endotoxin-free recombinant HSA.

### Stability

Lyophilized SCF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SCF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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