

Human SCF Recombinant Protein



RPPB0950

Product Information Protein Information

Product SKU:

RPPB0950

Accession:

P21583

Host:

HEK.

Protein description:

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

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

SCF was lyophilized from a 0.2µm filtered solution (1mg/ml) containing 1xPBS.

Purity:

Greater than 95% as observed by SDS-PAGE.

Solubility:

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 prevent freeze-thaw cycles.

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.