

## 32-7983: Recombinant Human Stem Cell Factor/SCF/c-Kit Ligand (C-6His)(Discontinued)

**Gene :** KITLG  
**Gene ID :** 4254  
**Uniprot ID :** P21583

### Description

Source: Human Cells.  
MW :22kD.

Recombinant Human Stem Cell Factor is produced by our Mammalian expression system and the target gene encoding Glu26-His214 is expressed with a 6His tag at the C-terminus. Stem Cell Factor (SCF) is a hematopoietic growth factor that exerts its activity at the early stages of hematopoiesis. SCF stimulates the proliferation of myeloid, erythroid, and lymphoid progenitors in bone marrow cultures and has been shown to act synergistically with colony stimulating factors.

### Product Info

**Amount :** 6His) / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** EGICRNRVTNNVKDVTKLVANLPKDYMITLKYVPGMDVLPSCWISSEMVVQLSDSLTDLLDKFSNISEGLSNYSI  
IDKLVNIVDDLVECVKENSCKDLKKSFKSPEPRLFTPEEFFRIFNRSIDAFKDFVVASETSDCVVSSSTLSPEKDSRV  
SVTKPFMLPPVAASSLRNDSSSSNRKAKNPPGDSSLHVDHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.