

Product Information: Recombinant Human SCF, 50µg

1. Introduction

SCF (stem cell factor) is a growth factor secreted from fibroblasts and endothelial cells. SCF binds to a receptor known as c-Kit and is thought to play an important role in the survival, proliferation and differentiation of hematopoietic stem cells. Recombinant Human SCF is an 18.5 kDa polypeptide containing 164 amino acid residues, which corresponds to the sequence of the secreted soluble form of SCF.

Source: *Corynebacterium glutamicum*

Amino Acids Sequence:

EGICRNRVTN NVKDVTKLVA NLPKDYMITL KYVPGMDVLP SHCWISEMVV QLSDSLTDLL
DKFSNISEGL SNYSIIDKLV NIVDDLVECV KENSSKDLKK SFKSPEPRLF TPEEFFRIFN
RSIDAFKDFV VASETSDCVV SSTLSPEKDS RVSVTKPFML PPVA



2. Materials Provided

Component	Volume	Storage
Recombinant Human SCF, 50µg (0.1 mg/ml)	500 µl	Store at -80°C

3. Preparation for Use

Recombinant Human SCF is provided frozen and can be stored at -80°C until use. Before use, this frozen product should be thawed on ice. Avoid repeated freeze-thaw cycles.

4. Precaution and Disclaimer

Recombinant Human SCF is for research use only and is not for diagnostic use, therapeutic use (including clinical research), or as a food. SCF is dissolved in 20 mM HEPES (0.2 µm filtered).

5. Contact the following department for product information:

Business Strategy & Planning Dept., AminoScience Division, AJINOMOTO CO., INC.

1-15-1 Kyobashi, Chuo-ku, Tokyo 104-8315, Japan

E-mail: stemfit@asv.ajinomoto.com

For Research Use Only. Not Intended for Human or Animal Diagnostic or Therapeutic Uses