

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Human SCF (STEM CELL FACTOR)

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|-----------------|----------------|----------|-------|
| Purified Factor | Product Number | HC88833B | 10 ug |
| | | HC88833A | 2 ug |

DESCRIPTION:

Human Stem Cell Factor (SCF) is a hematopoietic growth factor that stimulates proliferation of lymphoid, myeloid and erythroid progenitors in bone marrow. Human SCF acts synergistically with colony stimulating factors. It has molecular weight of 18.4 kDa, and 164 aa. residues.

SOURCE: E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug Human SCF

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards. Activity determined by stimulation of human TF-1 cell line and corresponds to specific activity of 5×10^5 units/mg.

HANDLING AND STORAGE:

Purified Human SCF factor is provided lyophilized (from 10 mM Acetic Acid) and free of additives. Store lyophilized, at -20° C. Reconstitute with **50 uL distilled or sterile water**, then further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

Microcentrifuge before reconstitution. Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE