



PRODUCT INFORMATION SUMMARY

Murine SCF

Purified Factor Product Number RC444023 10 ug

DESCRIPTION:

Mouse Stem Cell Factor (SCF) is a hematopoietic growth factor that stimulates proliferation of lymphoid, myeloid and erythroid progenitors in bone marrow. Murine SCF acts synergistically with colony stimulating factors. It has molecular weight of 18.3 kDa, and 164 aa. residues.

SOURCE: E. Coli
 Purity > 95% by HPLC analysis
 Endotoxin < 0.1 ng per ug Murine SCF

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Activity determined by stimulation of human MO7e cell line and corresponds to specific activity of 2.5×10^4 units/mg.

Range of biological activity 1.0 - 100 ng/mL.

HANDLING AND STORAGE:

Purified Murine SCF factor is provided lyophilized and free of additives. Store lyophilized, at -20° C. Reconstitute with 50 uL Tris (10mM, pH 8.0) buffer , 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