

Rat SCF

(Stem Cell Factor)

Purified Factor Product Number RC333131 10.0 ug

DESCRIPTION:

Rat Stem Cell factor (SCF), a hemtopoietic growth factor which acts to stimulate lymphoid, myeloid, and erythroid progenitors in bone marrow cultures. Rat SCF has molecular weight of 18.4 kDa, with 165 aa. residues.

SOURCE: E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug Rat SCF

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.

Specific activity of 1×10^5 units/mg, as determined by dose dependent stimulation of human cell line (10.0 ng/mL).

HANDLING AND STORAGE:

Purified Rat SCF factor is provided lyophilized from Tris, pH 7.5. Store lyophilized, at -20° C. Upon reconstitution with distilled water to a concentration of 100 ug/mL, dilute in other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

Before opening vial to reconstitute, it is recommended to microcentrifuge vial for 30 seconds - this will help recovery of full contents that may

have adhered to surfaces of vial during lyophilization.

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