

ANTIGENIX AMERICA Inc.

PRODUCT INFORMATION SUMMARY

Rat Flt3 Ligand

PRODUCT No: RC333181A Purified factor 2.0 ug
RC333181B Purified factor 10.0 ug

DESCRIPTION:

Rat Flt-3 Ligand is a growth factor which regulates proliferation and colony formation of CD34+ cells and other hematopoietic cells. Binding to the tyrosine kinase receptor Flt3 it interacts with other CSFs and cytokines to induce growth and differentiation.

Rat Flt3-Ligand as a membrane-bound protein is 209 aa., which can be cleaved into a active soluble form of 162 aa., with 18.3 kDa MW.

SOURCE:

E. Coli
Purity greater than 98% by HPLC analysis
Endotoxin level < 0.1 ng per ug flt-3 Ligand.

HANDLING AND STORAGE:

Provided as lyophilized protein with no additives. **Rat Flt3-Ligand** should be reconstituted in distilled or sterile water to concentration of 100 ug/mL. Further dilute in PBS or other buffered solutions containing carrier protein (0.1% BSA or gelatin). This can be stored in small aliquots, frozen at -20° C.

Microcentrifuge before reconstitution. Because ANTIGENIX AMERICA factors are provided carrier-protein free, the small quantities of lyophilized protein can adhere to the sides of the vial. **Before opening vial**, we recommend microcentrifuging for 30 seconds to spin-down all material. Product may appear as a thin film at bottom of vial and be difficult to see.

BIOACTIVITY:

Dose dependent stimulation of AML5 cells .

FOR RESEARCH USE ONLY. NOT FOR THERAPEUTIC OR DRUG USE.

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