

PRODUCT INFORMATION SUMMARY

Mouse Flt-3 Ligand

Purified Factor	Product Number	RC444921	10.0 ug
	Product Number	RC444921A	2.0 ug

DESCRIPTION:

Mouse Flt-3 Ligand is a growth factor that binds to cells expressing the tyrosine kinase receptor (Flt-3). Multiple isoforms of Flt-3 ligand exist, with the dominant bioactive form a extracellular portion of a transmembrane (209aa.) Protein. Flt-3 ligand acts in the regulation of proliferation of early hematopoietic cells in a synergistic manner with other CSFs. Mouse Flt-3 Ligand is a 16.4 kDa protein with 144 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug mouse Flt-3 Ligand
Sterile filtered and lyophilized .

BIOLOGICAL ACTIVITY:

Human AML5 cells were stimulated to proliferate with 50% response measured at 8.0 ng/mL Mouse flt-3 ligand.

HANDLING AND STORAGE:

Purified Mouse Flt-3 Ligand factor is provided lyophilized with no additives. Store lyophilized, at -20° C. **Quick-spin** (see below) and then reconstitute with 100 uL sterile or distilled water. Further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

Before opening vial, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

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