

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

Mouse flt-3 Ligand

Purified Factor

Product Number RC444921B 10.0ug

RC444921A 2.0ug

DESCRIPTION:

Mouse flt-3 Ligand is a growth factor that binds to cells expressing the tyrosine kinase receptor (flt-3). Multiple isoforms of flt3 Ligand exist, with the dominant bioactive form an 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 , 0.1ng per ug Mouse flt-3 Ligand

Sterile filtered and lyophilized

BIOLOGICAL ACTIVITY:

Mice were treated with 25 ug of flt-3 Ligand once daily, for 9 days by intraperitoneal injection; activitydetermined by ability to generate CD11c+ splenic dendritic cells in vivo in C57B1/6 female mice.

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 100uL 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, itis recommended to microcentrifuge cial 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 onlyt 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 beyonbd the description on the label of the product.

RESEARCH USE ONLY - NOT FOR DRUG USE