

ANTIGENIX AMERICA INC.
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PRODUCT INFORMATION SUMMARY

Murine VEGF

Purified Factor	Product Number	RC444128A	2 ug
		RC444128B	10 ug

DESCRIPTION:

Mouse Vascular Endothelial Cell Growth Factor (VEGF) is a homodimeric growth factor produced in vascularized tissues. VEGF stimulates angiogenesis, endothelial cell growth, and capillary permeability. Murine VEGF has molecular weight of 39 kDa, and 165 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Murine VEGF

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.

Activity determined by Mitogenic stimulation of human umbilical vein endothelial cells and bovine aortic cells.

Range of biological activity 1.0 - 5 ng/mL.

HANDLING AND STORAGE:

Purified Murine VEGF factor is provided lyophilized and free of additives. Store lyophilized, at -20° C. Reconstitute with **100 uL distilled water**, then further dilute in PBS or other buffered solutions (**pH 7.2**). 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