

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Rat Fractalkine

Purified Factor	Product Number	RC333190B	20.0 ug
		RC333190A	5.0 ug

DESCRIPTION:

Rat Fractalkine, described as a CX3CL chemokine, and also known as Neurotactin, will chemoattract monocytes, NK cells and microglia cells. Fractalkine signals via CX3CR1 receptor and has molecular weight of 8.7 kDa, with 76 aa. residues- including four cysteine residues.

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

BIOLOGICAL ACTIVITY: Shows ability to chemoattract human monocytes in range of 10.0 ng/mL.

HANDLING AND STORAGE:

Purified Rat Fractalkine factor is provided lyophilized, additive- free. Store lyophilized, at -20 ° C. Upon reconstitution with 50 uL distilled (or sterile) water, further dilute in PBS or other buffered solutions . Store small aliquots at -20° C, **with addition** of carrier protein (ie. **0.1% BSA**) for long-term storage- up to 3 months, 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.

RESEARCH USE ONLY -NOT for DRUG USE

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