

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

Human Oncostatin M

Purified Factor	Product Number	HC88835B	10.0 ug
		HC88835A	2.0 ug

DESCRIPTION:

Human Oncostatin M is a cytokine factor that exerts inhibitory effects on many neoplastic cells, including melanoma cells, but stimulates the growth of other cells, such as normal fibroblasts and Kaposi sarcoma cells. Human Oncostatin M is a 26 kDa protein with 227 amino acid residues.

SOURCE: E. Coli

Purity > 98% by HPLC analysis

Endotoxin < 0.1 ng per ug Oncostatin M

Sterile filtered and lyophilized, additive-free.

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards, activity determined by dose-dependent stimulation of human TF-1 cells. Specific activity of 5×10^5 units/mg.

HANDLING AND STORAGE:

Purified Oncostatin M factor is provided lyophilized with no additives. Store lyophilized, at -20° C. Upon reconstitution with 100 uL distilled (or sterile) water, further dilute in PBS or other buffered solutions **containing carrier protein** (serum or BSA, etc.) Store small aliquots at -20° C for long-term storage, at high concentration. Biological activity in range of 0.2 - 20.0 ng/mL.

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