

PRODUCT INFORMATION SUMMARY

Human Maspin

PRODUCT NUMBER	HC70122B	Purified factor	20.0 ug
	HC70122A	Purified factor	5.0 ug

DESCRIPTION:

Human Maspin, also known as Mammary Serine Protease Inhibitor, and SerpinB5, is a non-inhibitory serpin expressed in normal mammary epithelial cells. This factor shows anti-tumor activity and can block growth and metastatic potential of breast and lung tumors. Maspin is expressed in very low levels or absent in most breast carcinomas. Human Maspin is a 42.2 kDa non-glycosylated protein with 375 amino acid residues.

SOURCE:

E. Coli
Purity greater than 97% by HPLC analysis
Endotoxin level < 0.1 ng per ug Maspin.
Sterile-filtered from Sodium Phosphate buffer, pH 7.5,
lyophilized and additive-free.

HANDLING AND STORAGE:

Provided as lyophilized protein. Human Maspin should be reconstituted in sterile or distilled water to concentration of 100 ug/mL. Further dilute in PBS or other buffered solutions. This can be stored in small aliquots at -20° C., **with addition of carrier protein, ie., 0.1% BSA**, for long-term storage -up to 3 months. **Microcentrifuge before reconstitution.** Because ANTIGENIX AMERICA factors are provided carrier-protein free, the small quantities of lyophilized protein can adhere to the sides of the vial. **Before opening vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

BIOACTIVITY: Not currently tested.

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.

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