

Recombinant Human Maspin
Catalog # PBG10280**Specification**

Recombinant Human Maspin - Product Information**Recombinant Human Maspin - Additional Information****Description**

Maspin (mammary serine protease inhibitor) is a non-inhibitory serpin that is expressed predominantly in normal mammary epithelial cells but at significantly reduced levels or absent in most breast carcinomas. It has the ability to block the growth, invasiveness, and metastatic potential of breast and lung tumors. This anti-tumor activity is achieved, in part, by the ability of Maspin to inhibit angiogenesis and to preferentially promote apoptosis of tumor cells. Recombinant human Maspin is a 42.1 kDa non-glycosylated protein containing 375 amino acid residues.

Biological Activity

Data not Available.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Human Maspin is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human Maspin - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant Human Maspin - Images