

### 32-20423: Recombinant Human Maspin(Discontinued)

**Alternative Name :** SerpinB5, Protease inhibitor 5

#### Description

**Source:** *E.coli* 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 contribution of maspin to the inhibition of angiogenesis, and its ability to preferentially promote apoptosis of tumor cells. Recombinant Human Maspin is a 42.1 kDa non-glycosylated protein containing 375 amino acid residues.

#### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Purity: >= 97% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** MDALQLANSA FAVDLFKQLC EKEPLGNVLF SPICLSTSLA LAQVGAKGDT ANEIGQVLHF  
ENVKDIPFGF QTVTSDVNKL SSFYSLKLIK RLYVDKSLNL STEFISSTKR PYAKELETVD  
FKDKLEETKG QINNSIKDLT DGHFENILAD NSVNDQTKIL VVNAAYFVGK WMKKFPESET  
KECPFRLNKT DTKPVQMMNM EATFCMGNID SINCKIIELP FQNKHLMSFI LLPKDVEDES  
TGLEKIEKQL NSESLSQWTN PSTMANAKVK LSIPKFKVEK MIDPKACLEN LGLKHIFSED  
TSDFSGMSET KGVALSNVIH KVCLEITEDG GDSIEVPGAR ILQHKDELNA DHPFIYIIRH  
NKTRNIIFFG KFCSP