

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Maspin, 1-375aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02914

第三版

**别名:** Serine (or cysteine) proteinase inhibitor clade B (ovalbumin) member 5, Serpin B5, Protease inhibitor 5, SERPINB5. P15

**描述:** Serine (or cysteine) proteinase inhibitor clade B (ovalbumin) member 5, also known as Maspin, is a tumor suppressor protein of serine proteinase inhibitor family. It plays an essential role in embryonic development through critical roles in cell adhesion. Also, it is present in normal breast and prostatic epithelial cells but downregulated in the respective carcinomas. Recombinant human Maspin, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**配方:** Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

**分子量:** 44.2 kDa (395aa)

**序列:**

MGSSHHHHHHSSGLVPRGSHMDALQLANSFAVDLFDKQLCEKEPLGNVLFSPICLSTSLSLAQVGAKGDTANEIGQVLHF  
ENVKDVPFQFQTVTSDVNKLSSFYSLKLIKRLYVDKSLNLSTEFISSTKRPYAKELETVDKDKLEETKGQINNSIKDLTDGHF  
ENILADNSVNDQTKILVVNAAYFVGKWMKKFPESETKECPFRVNKTDTPVQMMNMEATFCMGNIDSINCKIMELPFQ  
NKHLSMIFILLPKDVEDESTGLEKIEKQLNSELSQWTNPSTMANAKVKLSIPKFKVEKMIDPKACLENLGLKHIFSEDTSDFS  
GMSETKGVALSNIHKVCLEITEDGGDSIEVPGARILQHKDELNADHPFIYIIRHNKTRNIIFFGKFCSP

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.