

## 32-8199: Recombinant Human Serpin B5/SERPINB5/Maspin(Discontinued)

**Gene :** SERPINB5

**Gene ID :** 5268

**Uniprot ID :** P36952

### Description

Source: E. coli.

MW :25.7kD.

Recombinant Human Serpin B5/Maspin is produced by our E.coli expression system and the target gene encoding Met1-Ser231 is expressed. Serpin B5 is a secretive protein that belongs to the Serpin (Serine Protease Inhibitor) family and Ov-serpin subfamily. Serpin B5 is expressed in the prostate, testis, intestine, tongue, lung, and thymus. Serpin B5 exhibits no serine protease inhibitory activity. Serpin B5 also functions as tumor suppressor and angiogenesis inhibitor. It has been shown that Serpin B5 blocks the growth, invasion, and metastatic properties of mammary tumors. Furthermore, high expression of Serpin B5 is linked to squamous cell carcinoma in non-small-cell lung cancer.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** MDALQLANSFAVDLFLKQLCEKEPLGNVLFSPICLSTLSLSLAQVGAKGDTANEIGQVLHFENVKDVFPFGQTVTSDVNKLSFYSLKLIKRLYVDKSLNLSTEFISSTKRPYAKELETVDKDKLEETKQGQINNSIKDLTDGHFENILADNSVNDQTKILVVNAAYFVGKWMKKFPESETKECPFRVNKVCGAACSSKRSPIIDVKNDRDRVGHKSIPMRNLRARPAKCLS

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.