

# Human SERPINB5 Recombinant Protein



RPPB4638

## Product Information Protein Information

### Product SKU:

RPPB4638

### Accession:

P36952

### Host:

Escherichia Coli.

### Protein description:

SERPINB5 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 375 amino acids and having a molecular mass of 42.2 KDa. The SERPINB5 Human is purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

### Synonyms:

PI5, maspin, SERPINB5, serpin peptidase inhibitor clade B (ovalbumin) member 5, Serpin B5, Protease inhibitor 5.

### Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.0.

### Purity:

Greater than 97.0% as determined by (a) Analysis by HPLC. (b) Analysis by SDS-PAGE.

### Solubility:

It is recommended to reconstitute the lyophilized SERPINB5 in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

### Stability:

Lyophilized SERPINB5 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SERPINB5 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Amino Acid Sequence:

MDALQLANSA FAVDLFKQLC EKEPLGNVLF SPICLSTSLA LAQVGAKGDT ANEIGQVLHF ENVKDIPFGF  
QTVTSDVNKL SSFYSLKLIK RLYVDKSLNL STEFISSTKR PYAKELETVD FKDKLEETKG QINNSIKDLT  
DGHFENILAD NSVNDQTKIL VVNAAYFVGK WMKKFPESET KPCFRLNKT DTKPVQMMNM EATFCMGNID  
SINCKIIEHP FQNKHLSMFI LLPKDVEDES TGLEKIEKQL NSELSQWTN PSTMANAKVK LSIPKFKVEK  
MIDPKACLEN LGLKHIFSED TSDFGMSET KGVALSNVIH KVCLEITEDG GDSIEVPGAR ILQHKDELNA  
DHPFIYIIRH NKTRNIIFFG KFCSP.