

# Human SERPINA4 Recombinant Protein



RPPB4628

## Product Information Protein Information

**Product SKU:**

RPPB4628

**Accession:**

P29622

**Host:**

HEK 293.

**Protein description:**

SERPINA4 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Gln21-Pro427) containing a total of 417 amino acids, having a calculated molecular mass of 47.7kDa and fused to a 10 aa His tag at C-Terminus.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Serpin Peptidase Inhibitor, Clade A (Alpha-1 Antiproteinase, Antitrypsin) Member 4, PI4, KST, Serine (Or Cysteine) Proteinase Inhibitor, Clade A (Alpha-1 Antiproteinase, Antitrypsin), Member 4, Peptidase Inhibitor 4, Kallikrein Inhibitor, Serpin A4, PI-4, Protease Inhibitor 4 (Kallistatin), Kallistatin, KLST, KAL, SERPINA4.

**Formulation:**

SERPINA4 was filtered (0.4µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline pH 7.4 and 5% (w/v) Trehalose.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. SERPINA4 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

QLHVEHDGES CSNSSHQQIL ETGEGSPSLK IAPANADFAF RFYLIASET PGKNIFFSPL SISAAYAMLS  
LGACSHSRSQ ILEGLGFNLT ELSQSDVHRG FQHLLHTLNL PGHGLETRVG SALFLSHNLK FLAKFLNDTM  
AVYEAKLFHT NFYDVTGTIQ LINDHVKKET RGKIVDLVSE LKKDVLMLV NYIYFKALWE KPFISSRTTP  
KDFYVDENTT VRVPMMLQDQ EHHWYLHdry LPCSVLRMDY KGDATVFFIL PNQGKMREIE EVLTPPEMLMR  
WNNLLRKRNF YKKLELHLPK FSIGSYVLD QILPRLGFTD LFSKWADLSG ITKQQKLEAS KSFHKATLDV  
DEAGTEAAAA TSFAIKFFSA QTNRHILRFN RPFLVVFST STQSVLFLGK VVDPTKPHHH HHHHHHHH.