

# Human SERPINA8 Recombinant Protein



RPPB4632

## Product Information Protein Information

### Product SKU:

RPPB4632

### Accession:

P01019

### Host:

HEK 293.

### Protein description:

SERPINA8 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (a.a 34-485) containing a total of 462 amino acids, having a molecular mass of 51.0kDa (calculated) and fused to a 2 a.a C-terminal linker and an 8 a.a Flag tag at C-Terminus. The Human SERPINA8 is purified by proprietary chromatographic techniques.

### Appearance:

Filtered White lyophilized (freeze-dried) powder.

### Synonyms:

Angiotensinogen, Serpin A8, AGT, SERPINA8, ANHU.

### Formulation:

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl, pH 7.5.

### Purity:

Greater than 95.0% as determined by SDS-PAGE.

### Solubility:

It is recommended to add 200µl deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. SERPINA8 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:

DRVYIHPFHL VIHNESTCEQ LAKANAGKPK DPTFIPAPIQ AKTSPVDEKA LQDQLVLVAA KLDTEKDLRA  
AMVGMLANFL GFRIYGMHSE LWGVVHGATV LSPTAVFGTL ASLYLGALDH TADRLQAILG VPWKDKNCTS  
RLDAHKVLVA LQAVQGLLVA QGRADSQAQL LLSTVVGVFT APGLHLKQPF VQGLALYTPV VLPRSLDFTE  
LDVAAEKIDR FMQAVTGWKT GCSLTGASVD STLAFNTYVH FQGKMKGFSL LAEPQEFWVD NSTSVSVPML  
SGMGTFQHWS DIQDNFSVTQ VSFTESACLL LIQPHYASDL DKVEGLTFQQ NSLNWMKKLS PRTIHLTMPQ  
LVLQGSYDLQ DLLAQALPA ILHTELNLQK LSNDRIRVGE VLNSIFFELE ADEREPTST QQLNKPEVLE  
VTLNRPFLFA VYDQSATALH FLGRVANPLS TART DYKDDD DK.