



## Serpin Peptidase Inhibitor, Clade A Member 8 Human Recombinant

<b>Item Number</b>	rAP-4755
<b>Synonyms</b>	Angiotensinogen, Serpin A8, AGT, SERPINA8, ANHU.
<b>Description</b>	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 propri-
<b>Uniprot Accesion Number</b>	P01019
<b>Amino Acid Sequence</b>	DRVYIHPFHL VIHNESTCEQ LAKANAGPK DPTFIPAIQ AKTSPVDEKA LQDQLVLVAA KLDTEDEKLRA AMVGMLANFL GFRIYGMHSE LWGVVHGATV LSPTAVFGTL ASLYLGALDH TADRLQAILG VPWKDKNCTS RLDAHKVLSA LQAVQGLLVA QGRADSQAQL LLSTVVGVT APGLHLKQPF VQGLA- LYTPV VLPRSLDFTE LDVAAEKIDR FMQAVTGWKT GCSLTGASVD STLAFNTYVH FQGKMKGFSL LAEPQEFWVD NSTSVSVPML SGMGTFQHWS DIQDNFSVTQ VSFTESACLL LIQPHYASDL DKVEGLT- FQQ NSLNWMKKLS PRTIHLTMPQ LVLQGSYDLQ DLLAQAEIPA ILHTELNLQK LSNDRIRVGE VLNSIF-
<b>Source</b>	HEK 293.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. 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.
<b>Formulation and Purity</b>	Filtered (0.4µm) and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl, pH 7.5. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	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 cultu
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**