

Recombinant Human Serpin A8 Protein

Catalog #	Source	Reactivity	Applications
CRP2814	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human Serpin A8 Protein is produced by mammalian expression system and the target gene encoding Asp34-Ala485 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.		
Gene Symbol	AGT		
Alternative Names	SERPINA8; Angiotensinogen; Serpin A8		
Entrez Gene	183 (Human)		
SwissProt	P01019 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	DRVYIHPFHL VIHNESTCEQ LAKANAGKPK DPTFIPAPIQ AKTSPVDEKA LQDQLVLVAA KLDTEKLRRA AMVGMLANFL GFRIYGMHSE LWGVVHGATV LSPTAVFGTL ASLYLGALDH TADRLQAILG VPWKDKNCTS RLDAHKVLVA LQAVQGLLVA QGRADSQAQL LLSTVVGVT APGLHLKQPF VQGLALYTPV VLPRSLDFTE LDVAAEKIDR FMQAVTGWKT GCSLTGASVD STLAFNTYVH FQGKMKGFSL LAEPQEFWVD NSTSVSPML SGMGTGFQHWS DIQDNFSVTQ VSFTESACLL LIQPHYASDL DKVEGLTFQQ NSLNWMKKLS PRTHLTMPQ LVLQGSYDLQ DLLAQAEPLA ILHTELNQK LSNDRIRVGE VLNSIFFELE ADEREPTST QQLNKPEVLE VTLNRPFLFA VYDQSATALH FLGRVANPLS TAVDHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Please minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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