

# Recombinant Human Serpin A8

(C-6His)

Catalog # EPT152

**Expression Host** Human Cells

**DESCRIPTION** Recombinant Human Serine Protease Inhibitor-clade

A8 is produced by our Mammalian expression system

and the target gene encoding Asp34-Ala485 is

expressed with a 6His tag at the C-terminus.

Accession AAH11519.1

**Synonyms** Angiotensinogen; Serpin A8; AGT and SERPINA8

Mol Mass 50.8 KDa

**AP Mol Mass** 55-75 KDa, reducing conditions

**Purity** Greater than 95% as determined by reducing

SDS-PAGE.

**Endotoxin** Less than 0.1 ng/μg (1 EU/μg) as determined by LAL

test.

**FORMULATION** Supplied as a 0.2 µm filtered solution of 20mM PB,

150mM NaCl, pH 7.4.

### **RECONSTITUTION**



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#### SHIPPING

The product is shipped on dry ice/polar packs.

Upon receipt, store it immediately at the temperature listed below.

**STORAGE** 

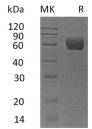
Store at  $\leq$ -70°C, stable for 6 months after receipt.

Store at  $\leq$  -70 °C, stable for 3 months under sterile conditions after opening.

Please minimize freeze-thaw cycles.

#### **BACKGROUND**

Angiotensinogen is involved in maintaining blood pressure and in the pathogenesis of essential hypertension and preeclampsia. Genetic variations in Angiotensinogen are associated with susceptibility to essential hypertension, and can cause renal tubular dysgenesis, a severe disorder of renal tubular development. Defects in the encoding gene have also been associated with non-familial structural atrial fibrillation, and inflammatory bowel disease.



## **SDS-PAGE**

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