



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	





SHIPPING

The product is shipped on dry ice/polar packs.

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

STORAGE

Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt.

Store at $\leq -70^{\circ}\text{C}$, 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

