

## 32-7834: Recombinant Human Angiotensinogen/Serpin A8/AGT (C-6His)

**Gene :** AGT  
**Gene ID :** 183  
**Uniprot ID :** P01019

### Description

Source: Human Cells.  
MW :51.7kD.

Recombinant Human Serpin A8/Angiotensinogen is produced by our Mammalian expression system and the target gene encoding Asp34-Ala485 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** DRVYIHPFHLVIHNESTCEQLAKANAGKPKDPTFIPAPIQAKTSPVDEKALQDQLVLAALKDTEDKLRAAMVGM  
LANFLGFRIYGMHSELWGVVHGATVLSPTAVFGTLASLYLGALDHTADRLQAILGVPWKDKNCTSRDLAHKVL  
SALQAVQGLLVAQGRADSQAQLLLSTVGVFTAPGLHLKQPFVQGLALYTPVVLPRSLDFTELDVAEEKIDRFM  
QAVTGWKTGCSLTGASVDSTLAFNTYVHFQGMKGFSLAEPQEFWVDNSTSVSPMLSGMGTFQHWSDIQ  
DNFSVTQVSFTESACLLLIQPHYASDLKVEGLTFQQNSLWMMKLSPRTIHLTMPQLVLQGSYDLQDLAQAE  
LPAILHTELNQKLSNDRIRVGEVLNSIFFEADEREPTTESTQQLNKPEVLEVTLNRPFLFAVYDQSATALHFLG  
RVANPLSTAVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.