



Recombinant Protein Technical Manual
Recombinant Human Angiotensinogen/AGT Protein
(His Tag)
RPES2559

Product Data:

Product SKU: RPES2559

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P01019

Protein Information:

Molecular Mass: 51.7 kDa

AP Molecular Mass: 60 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Angiotensinogen; Serpin A8; AGT and SERPINA8; ANHU

Immunogen Information:

Sequence: Asp34-Ala485

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.