

Recombinant Human Angiotensinogen/AGT Protein (His Tag)

Catalog No. PKSH032069

Note: Centrifuge before opening to ensure complete recovery of vial contents.

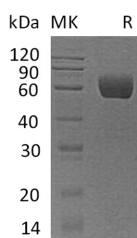
Description

Synonyms	Angiotensinogen;Serpins A8;AGT and SERPINA8;ANHU
Species	Human
Expression Host	HEK293 Cells
Sequence	Asp34-Ala485
Accession	AAH11519.1
Calculated Molecular Weight	50.8 kDa
Observed molecular weight	55-75 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein 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	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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