

Recombinant Human AGT protein (His tag)

Catalog Number:PDMH100052



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

Description

Synonyms	Aangiotensinogen;Alpha 1 antiproteinase antitrypsin;Ang;Angiotensin I;Angiotensin-3;ANGT;ANHU;ANRT;AT-2;PAT;Serpin A8;SERPINA8
Species	Human
Expression Host	HEK293 Cells
Sequence	Met1-Glu476
Accession	P01019
Calculated Molecular Weight	52.3 kDa
Observed molecular weight	60 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

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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