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Datasheet for ABIN7505618

AGT Protein (AA 1-476) (His tag)

Overview

Quantity:	100 µg
Target:	AGT
Protein Characteristics:	AA 1-476
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGT protein is labelled with His tag.

Product Details

Sequence:	Met1-Glu476
Characteristics:	A DNA sequence encoding the Human AGT protein (P01019) (Met1-Glu476) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	AGT
Alternative Name:	AGT (AGT Products)
Background:	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 d

Target Details

	Synonym: Aangiotensinogen,Alpha 1 antiproteinase antitrypsin,Ang,Angiotensin I,Angiotensin-3,ANGT,ANHU,ANRT,AT-2,PAT,Serpin A8,SERPINA8
Molecular Weight:	52.25 kDa
UniProt:	P01019
Pathways:	JAK-STAT Signaling , ACE Inhibitor Pathway , EGFR Signaling Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones , Regulation of Lipid Metabolism by PPARalpha , Protein targeting to Nucleus , Feeding Behaviour , Monocarboxylic Acid Catabolic Process , Dicarboxylic Acid Transport , Positive Regulation of Response to DNA Damage Stimulus , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months