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Datasheet for ABIN7318156 AGT Protein (His tag)



Overview	
Quantity:	50 µg
Target:	AGT
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGT protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human Angiotensinogen/AGT Protein (His Tag)
Sequence:	Asp34-Ala485
Characteristics:	Recombinant Human Serine Protease Inhibitor-clade A8 is produced by our Mammalian expression system and the target gene encoding Asp34-Ala485 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.

Target Details

Target:	AGT
Alternative Name:	Angiotensinogen/AGT (AGT Products)
Background:	Background: Angiotensinogen is involved in maintaining blood pressure and in the
	pathogenesis of essential hypertension and preeclampsia. Genetic variations in

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	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. Synonym: Angiotensinogen,Serpin A8, AGT and SERPINA8,ANHU
Molecular Weight:	51.7 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
Handling	
Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 μm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.