

Angiotensinogen (AGT) Protein | AGT protein

Eukaryotic Angiotensinogen (AGT)

CATALOG # AAA147111	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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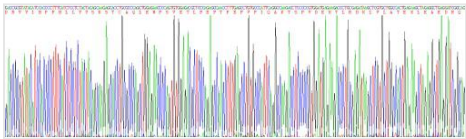
PRODUCT SYNONYMS

Angiotensinogen (AGT); Eukaryotic Angiotensinogen (AGT); ANHU; SERPINA8; Angiotensin; Renin Substrate; Serpin Peptidase Inhibitor; Clade A; Member 8(Alpha-1 Antiproteinase; Antitrypsin); AGT protein

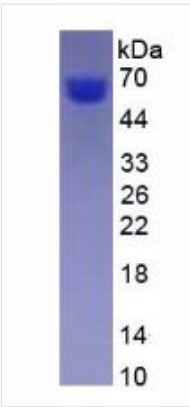
PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	> 97%
Form/Format	Freeze-dried powder
Sequence Length	477
Applicable Applications for AGT protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Asp25~Val477
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Rat
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.3
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for AGT protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19705570
NCBI GeneID	24179
NCBI Accession #	NP_602308.1
NCBI GenBank Nucleotide #	NM_134432.2
UniProt Accession #	P01015
Molecular Weight	51.2kDa; 60kDa
NCBI Official Full Name	angiotensinogen
NCBI Official Synonym Full Names	angiotensinogen
NCBI Official Symbol	Agt
NCBI Official Synonym Symbols	Ang; PAT; ANRT; AngII
NCBI Protein Information	angiotensinogen
UniProt Protein Name	Angiotensinogen
UniProt Gene Name	Agt
UniProt Synonym Gene Names	Serpina8; Ang I; Ang II; Ang III; Ang IV

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/293f-cell-protein/angiotensinogen-agt/147111>