

Angiotensinogen Protein | AGT protein

Eukaryotic Angiotensinogen (AGT)

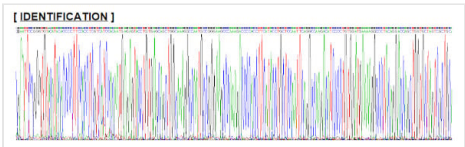
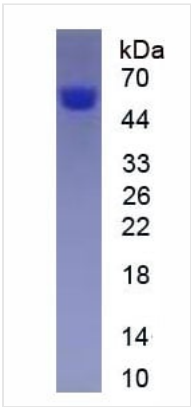
CATALOG # AAA150171	HOST 293F Cell	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Angiotensinogen; 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
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 5% Trehalose.
Concentration	Original Concentration: 450ug/mL (varies by lot)
Applicable Applications for AGT protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Residues	Arg26~Ala476
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.0
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. Stability Test: 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

RVTHFPHLVTHNISTCEGLANAGKPEDPTTPAPIGANTSPUDEKALGDQVLVAASLDTEHDLRAAMVWHLNFI
LGFRIYHNSRLNGVYHENTVSPTAVPTLASLYLGAIDHDLGALGVPRKDKNCTSRLDARVLSALQAQGL
LVAGORADSAAGLLSTVGVPTAFGLHKKPPVAGLALYTPVLPRLDPTLDAVAXIDFPMQAVTGWTCGSLM
GASVSTLAPNTVRRQGGKPGSLLAEPQEPWINDTSYSPVWLSGNGTFQHRSDIADNPSVTQVPTESACLLIQ
PHIASLDLDEBGLTQOQGLNHRKLSPTKTHLTPQLVLCSTGLLAKSLPAILHTELNLKRLSNORIRVGEV
LNSITFFLEADSEPTSTQGLNKEFEVLETLNRFFLAAYDASATLHFLORVAMPLSTA

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for AGT protein	Cardiovascular biology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	532198
NCBI GeneID	183
UniProt Accession #	P01019
Molecular Weight	Predicted Molecular Mass: 51.4kDa Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	angiotensinogen
NCBI Official Synonym Full Names	angiotensinogen
NCBI Official Symbol	AGT
NCBI Official Synonym Symbols	ANHU; hFLT1; SERPINA8
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
UniProt Entry Name	ANGT_HUMAN

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.