

Datasheet for ABIN7583383
AGT Protein (AA 25-477) (His tag)



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Overview

Quantity:	100 µg
Target:	AGT
Protein Characteristics:	AA 25-477
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	DRVYIH PFHLLYYSKS TCAQLENPSV ETLPEPTFEP VPIQAKTSPV DEKTLRDKLV LATEKLEAED RQRAAQVAMI ANFMGFRMYK MLSEARGVAS GAVLSPPALF GTLVSFYLGS LDPTASQLQV LLGVPVKEGD CTSRLDGHKV LTALQAVQGL LVTQGGSSSQ TPLLQSTVVG LFTAPGLRLK QPFVESLGPF TPAIFPRSLD LSTDPVLAAQ KINRFVQAVT GWKMNLPLEG VSTDSTLFFN TYVHFQGKMR GFSQLTGLHE FWVDNSTSVS VPMLSGTG NF QHWSDAQNNF SVTRVPLGES VTLILLIQQC ASDLDRVEVL VFQHDFTWI KNPPPRAIRL TLPQLEIRGS YNLQDLLAQA KLSTLLGAEA NLGKMGGDTP RVGEVLNSIL LELQAGEEEQ PTESAQQPGS PEVLDTLSS PFLFAIYERD SGALHFLGRV DNPQNVV
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: AGT

Alternative Name: Angiotensinogen (Agt) ([AGT Products](#))

Background: Recommended name: Angiotensinogen.
Alternative name(s): Serpin A8 Cleaved into the following 3 chains: 1.
Angiotensin-1.
Alternative name(s): Angiotensin I.
Short name= Ang I Angiotensin-2.
Alternative name(s): Angiotensin II.
Short name= Ang II Angiotensin-3.
Alternative name(s): Angiotensin III.
Short name= Ang III Des-Asp[1]-angiotensin II

UniProt: [P01015](#)

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

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.