Datasheet for ABIN1646534

AGT Protein (AA 34-485) (His tag)

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Overview

Quantity:	1 mg
Target:	AGT
Protein Characteristics:	AA 34-485
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	DRVYIHP FHLVIHNEST CEQLAKANAG KPKDPTFIPA PIQAKTSPVD EKALQDQLVL VAAKLDTEDK LRAAMVGMLA NFLGFRIYGM HSELWGVVHG ATVLSPTAIF GTLASLYLGA LDHTADRLQA ILGVPWKDKN CTSRLDAHKV LSALQAVQGL LVAQGRADSQ AQLLLSTVVG VFTAPGLHLK QPFVQGLALY TPVVLPRSLD FTELDVAAEK IDRFMQAVTG WKTGCSLMGA SVDSTLAFNT YVHFQGKMKG FSLLAEPQEF WVDNSTSVSV PMLSGMGTFQ HWSDVQDNFS VTQVPFTESA CLLLIQPHYA SDLDKVEGLT FQQNSLNWMK KLSPRAIHLT MPQLVLQGSY DLQDLLAQAE LPAILHTELN LQKLSNDRIR VGEVLNSIFF ELEADEREPT ESTQQLNKPE VLEVTLNRPF LFAVYDQSAT ALHFLGRVAN PLSTA
Specificity:	Pan troglodytes (Chimpanzee)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien 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:	Q9GLN8
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 modificated 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.