

Recombinant Human AGT protein, His-SUMO-tagged

Cat. No. AGT-2493H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGT protein(P01019)(44-427aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	44-427aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	57.9 kDa
AA Sequence	VIHNESTCEQLAKANAGKPKDPTFIPAPIQAKTSPVDEKALQDQLVLVAAKLDTEKLR RAAMVGMLANFLGFRIYGMHSELWGVVHGATVLSPTAVFGTLASLYLGALDHTADR LQAILGVPWKDKNCTSRDLAHKVLQAVQGGLLVAQGRADSQAQLLLSTVVGVFT APGLHLKQPFVQGLALYTPVVLPRSLDFTELDVAAEKIDRFMQAVTGWKTGCSLMG ASVDSTLAFNTYVHFQGKMKGFSLAEPQEFWVDNSTSVSVPMLSGMGTFQHWSD IQDNFSVTQVPFTESACLLLIQPHYASDLKVEGLTFQQNSLNWMKKLSPRTIHLTMP QLVLQGSYDLQDLAQAELPAILHTELNQKLSNDRIRVGEVLNS
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	AGT angiotensinogen (serpin peptidase inhibitor, clade A, member 8) [Homo sapiens]
Official Symbol	AGT
Synonyms	AGT; angiotensinogen (serpin peptidase inhibitor, clade A, member 8); SERPINA8; angiotensinogen; alpha 1 antiproteinase; antitrypsin; serpin A8; angiotensin I; angiotensin II; pre-angiotensinogen; alpha-1 antiproteinase, antitrypsin; serine (or cysteine) proteinase inhibitor; ANHU;
Gene ID	183
mRNA Refseq	NM_000029
Protein Refseq	NP_000020
UniProt ID	P01019