

## Product datasheet for **SC208213**

### Angiotensinogen (AGT) (NM\_000029) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Angiotensinogen (AGT) (NM_000029) Human 3' UTR Clone
Symbol:	Angiotensinogen
Synonyms:	ANHU; hFLT1; SERPINA8
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000029
Insert Size:	630 bp
Insert Sequence:	>SC208213 3' UTR clone of NM_000029 The sequence shown below is from the reference sequence of NM_000029. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b> =Cloning site <b>Blue</b> =Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CGCTGAGCACAGCAT**TGA**GGCCAGGGCCCCAGAACACAGTGCCTGGCAAGGCCTCTGCCCTGGCCTTTGAGCAAAGGCCAGCAGCAGATAACAACCCCGACAAATCAGCGATGTGTCACCCCCAGTCTCCACCTTTCTTCTAATGAGTCGACTTTGAGCTGAAAGCAGCCGTTTCTCCTTGGTCTAAGTGTGCTGCATGGAGTGA GCAGTAGAAGCCTGCAGCGGCACAAATGCACCTCCCAGTTTGCTGGGTTATTTTAGAGAATGGGGTGG GGAGGCAAGAACCAGTGTTTAGCGCGGGACTACTGTTCCAAAAAGAATTCCAACCGACCGCTTGTTTGT GAAACAAAAAAGTGTTCCTTTTCAAGTTGAGAACAAAAATTGGGTTTTAAAAATTAAGTATACATTTTT GCATTGCCTTCGGTTTGTATTTAGTGTCTTGAATGTAAGAACATGACCTCCGTGTAGTGTCTGTAATACC TTAGTTTTTCCACAGATGCTTGTGATTTTTGAACAATACGTGAAAGATGCAAGCACCTGAATTTCTGTT TGAATGCGGAACCATAGCTGGTATTCTCCCTTGTGTTAGTAATAAACGTCTTGCCACAATAAGCCTCC

**ACGCGT**AAGCGCCGCGCATCTAGATTGAAGAAAATGACCG

Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_000029.3</a>
<b>Summary:</b>	The protein encoded by this gene, pre-angiotensinogen or angiotensinogen precursor, is expressed in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. The resulting product, angiotensin I, is then cleaved by angiotensin converting enzyme (ACE) to generate the physiologically active enzyme angiotensin II. The protein is involved in maintaining blood pressure, body fluid and electrolyte homeostasis, and in the pathogenesis of essential hypertension and preeclampsia. Mutations in this gene are associated with susceptibility to essential hypertension, and can cause renal tubular dysgenesis, a severe disorder of renal tubular development. Defects in this gene have also been associated with non-familial structural atrial fibrillation, and inflammatory bowel disease. [provided by RefSeq, Nov 2019]
<b>Locus ID:</b>	183