

Recombinant Human angiogenin, ribonuclease, RNase A family, 5, His-tagged

Cat. No. ANG-507H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ANG, 25-147aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	25-147 a.a.
Description	ANG, as known as Angiogenin, belongs to RNase A family. This protein is an exceedingly potent mediator of new blood vessel formation. It hydrolyzes cellular tRNAs resulting in decreased protein synthesis and is similar to pancreatic ribonuclease. Recombinant human ANG protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	16.4 kDa(144aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MQDNSRYTHF LTQHYDAKPQ GRDDRYCESI MRRRGLTSPC KDINTFIHGN KRSIKAICEN KNGNPHRENL RISKSSFQVT TCKLHGGSPW PPCQYRATAG FRNVVVACEN GLPVHLDQSI FRRP
Purity	>90% by SDS - PAGE

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Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name ANG angiogenin, ribonuclease, RNase A family, 5 [Homo sapiens]

Official Symbol ANG

Synonyms ANG; angiogenin, ribonuclease, RNase A family, 5; angiogenin; RNASE5; RNase 5; ribonuclease 5; epididymis luminal protein 168; ALS9; HEL168; RNASE4; MGC22466; MGC71966;

Gene ID 283

mRNA Refseq NM_001097577

Protein Refseq NP_001091046

MIM 105850

UniProt ID P03950

Chromosome Location 14q11.1-q11.2

Function DNA binding; actin binding; copper ion binding; endonuclease activity; heparin binding; hydrolase activity; pancreatic ribonuclease activity; peptide binding; protein binding; rRNA binding; receptor binding; ribonuclease activity;

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