

Recombinant Human ANG, His-tagged

Cat. No. ANG-5108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANG protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
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.
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
Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

and store at -20centigrade or -70centigrade. 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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA