

Product information



ANG, 25-147aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2604

Full name: Angiogenin, ribonuclease, RNase A family, 5

NCBI Accession No.: NP_001136

Synonyms: ALS9, HEL168, MGC22466, MGC71966, RNASE4, RNASE5

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*.

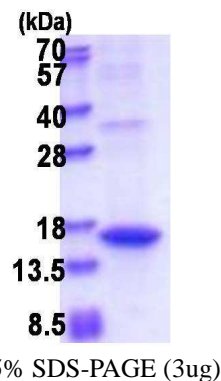
Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

0.4M Urea

Molecular Weight: 16.4 kDa(144aa)

Purity: > 90% by SDS - PAGE

Concentration: 0.5mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MQDNSRYTHF LTQHYDAKPK GRDDRYCESI MRRRLTSPC KDINTFIHGN KRSIKAICEN KNGNPHREN
RISKSSFQVT TCKLHGGSPW PPCQYRATAG FRNVVACEN GLPVHLDQSI FRFP

General references:

Kuwahara A. *et al.* (2012) *Biosci Trends*. 6:229-633.

Neubauer-Geryk J. *et al.* (2012) *Microvasc Res*. 84:387-389.

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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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