

Recombinant Full Length Human ANG Protein, GST-tagged

Cat. No. ANG-1033HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANG full-length ORF (AAH54880, 25 a.a. - 147 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	147 amino acids
Description	The protein encoded by this gene 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. In addition, the mature peptide has antimicrobial activity against some bacteria and fungi, including <i>S. pneumoniae</i> and <i>C. albicans</i> . Alternative splicing results in two transcript variants encoding the same protein. This gene and the gene that encodes ribonuclease, RNase A family, 4 share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region. [provided by RefSeq, Aug 2014]
Molecular Mass	39.27 kDa
AA Sequence	QDNSRYTHFL TQHYDAKPQG RDDRYCESIM RRRGLTSPCK DINTFIHGNIK RSIKAICENK NGNPHRENLR ISKSSFQVTT CKLHGGSPWP PCQYRATAGF RNVVACENG LPVHLDQSIF RRP
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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