

Recombinant Human ANG protein, GST-tagged

Cat. No. ANG-548H **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	Wheat Germ
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	QDNSRYTHFLTQHYDAKPQGRDDRYCESIMRRRGLTSPCKDINTFIHGNKRSIKAIC ENKNGNPHRENLRISKSSFQVTTCKLHGGSPWPPCQYRATAGFRNVVVACENGLP VHLDQSIFRRP
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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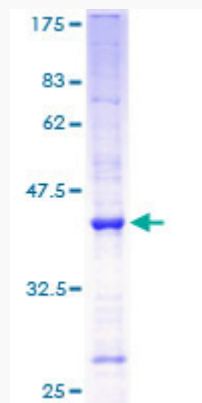
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
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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12.5% SDS-PAGE Stained with Coomassie Blue.

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