Recombinant Full Length Human ANG Protein

Cat. No. ANG-19HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Angiogenin with an N terminal proprietary tag; predicted mwt: 39.64 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	123 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. 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.
Form	Liquid
Molecular Mass	39.640kDa inclusive of tags
AA Sequence	QDNSRYTHFL TQHYDAKPQG RDDRYCESIM RRRGLTSPCK DINTFIHGNK RSIKAICENK NGNPHRENLR ISKSSFQVTT CKLHGGSPWP PCQYRATAGF RNVVVACENG LPVHLDQSIF RRP
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

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
Gene ID	283
mRNA Refseq	NM_001097577
Protein Refseq	NP_001091046
MIM	105850
UniProt ID	P03950

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