Recombinant Human Angiogenin (ANG)

Product Code	CSB-BP001703HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P03950
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QDNSRY THFLTQHYDA KPQGRDDRYC ESIMRRRGLT SPCKDINTFI HGNKRSIKAI CENKNGNPHR ENLRISKSSF QVTTCKLHGG SPWPPCQYRA TAGFRNVVVA CENGLPVHLD QSIFRRP
Source	Baculovirus
Target Names	ANG
Protein Names	Recommended name: Angiogenin EC= 3.1.27.- Alternative name(s): Ribonuclease 5 Short name= RNase 5
Expression Region	25-147
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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. 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.