

Angiogenin Human Recombinant

Item Number	rAP-4140
Synonyms	Angiogenin, ANG, Ribonuclease 5, RNase 5, RNASE5, ribonuclease, RNase A family, 5, ALS9, HEL168, MGC22466, MGC71966, RNASE4.
Description	ANG Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 144 amino acids (25-147) and having a molecular mass of 16.4 kDa. ANG is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P03950
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MQDNSRYTHF LTQHYDAKPQ GRDDRYCESI MRRRGLTSPC KDINT-FIHGN KRSIKAIGEN KGNPHRENL RISKSSFQVT TCKLHGGSPW PPCQYRATAG FRNVVACEN GLPVHLDQSI FRRP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ANG solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**