

Active Recombinant Human ANG protein, His-tagged

Cat. No. ANG-9641H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANG protein(Gln 25 - Pro 147), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Gln 25 - Pro 147
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Human Angiogenin, His Tag immobilized on CM5 Chip can bind Human Plexin B2, His Tag with an affinity constant of 17.5 nM as determined in a SPR assay (Biacore 8K).
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 16.0 kDa. The protein migrates as 12 kDa and 17-18 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage

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at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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