

Recombinant Rat Ang protein, His & T7-tagged

Cat. No. Ang-522R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ang (Q5WRG2) aa. (Gln25~Phe142) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln25~Phe142
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.6.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	Ang angiogenin [Rattus norvegicus (Norway rat)]
Official Symbol	Ang
Synonyms	Ang; angiogenin; Ang1; angiogenin ribonuclease 1; angiogenin, ribonuclease A family, member 1; angiogenin, ribonuclease, RNase A family, 5
Gene ID	305843
mRNA Refseq	NM_001006992.1
Protein Refseq	NP_001006993.1
UniProt ID	Q5WRG2

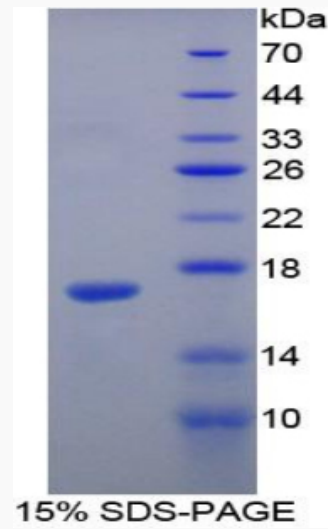
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SDS-PAGE



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