

## Recombinant Pig ANG protein, His-tagged

**Cat. No.** ANG-521P    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Pig ANG (Q1H DU1) aa. (Lys1~Gln123) fused with N-terminal His tag was produced in E. coli cells.                                                                                                                                                                                                                        |
| <b>Species</b>          | Pig                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Lys1~Gln123                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 15.58 kDa as determined by SDS-PAGE reducing conditions                                                                                                                                                                                                                                                                             |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 97%                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                          |
| <b>Stability</b>        | 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. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

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-80°C for 12 months.

**Storage buffer** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution** Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name** ANG angiogenin [ *Sus scrofa* (pig) ]

**Official Symbol** ANG

**Synonyms** ANG; angiogenin; Ribonuclease 5; RNase 5; ANG1;

**Gene ID** 733639

**mRNA Refseq** NM\_001044573.2

**Protein Refseq** NP\_001038038.1

**UniProt ID** Q1H DU1

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