

# Recombinant Human Angiopoietin-4/ANG-4/ANGPT4(23-503) Protein

Catalog No.: RP01773 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	51378	Q9Y264

### Tags

C-His

### Synonyms

ANG3; ANG4

## Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

Calculated MW	Observed MW
55.43 kDa	75-100 kDa

### Endotoxin

<0.1EU/μg

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

Human Angiopoietin-4 (Ang-4) (1), alternatively named Ang-3 (2), is a secreted glycoprotein belonging to the angiopoietin family. It has the characteristic structural motifs of angiopoietins including the coiled-coiled domain near the amino-terminus and a fibrinogen-like domain at the C-terminus.

## Basic Information

### Description

Recombinant Human Angiopoietin-4/ANG-4/ANGPT4(23-503) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln23-Ile503) of human ANG-4/ANGPT4 (Accession #NP\_057069.1) fused with and a 6xHis tag at the C-terminus.

### Bio-Activity

#### Storage

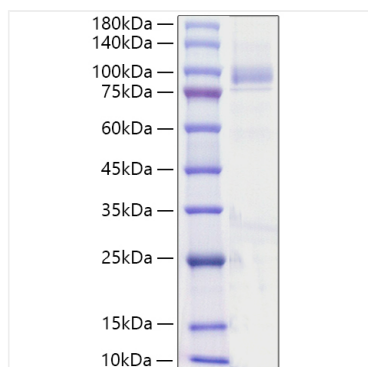
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human ANG-4/ANGPT4 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 75-100 kDa.