

# Human Angiopoietin-2 / ANG2 (His Tag) recombinant protein



Catalog Number: 502748

## General Information

### Protein Construction

A DNA sequence encoding the human ANGPT2 (NP\_001138.1) (Lys275-Phe496) was expressed with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

Immobilized human ANGPT2 at 10 µg/ml (100 µl /well) can bind human Tie2-Fch (Cat:503333), The EC<sub>50</sub> of human Tie2-Fch (Cat:503333) is 0.1-0.3µg/ml.

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per µg protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

His

## Molecular Mass

The recombinant human ANGPT2 consists 241 amino acids and predicts a molecular mass of 27.8 kDa.

## Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

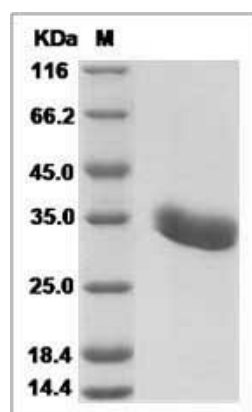
Store it under sterile conditions at -20°C to -80°C.

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



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