

## **PRODUCT INFORMATION**

**Target** ANGPT2

**Synonyms** ANGPT2;GPT2;NG2;ngiopoietin-2

Recombinant human ANGPT2 protein with C-**Description** 

terminal human Fc tag

**Delivery** Under development

**Uniprot ID** 015123 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

**Purity** 

ANGPT2(Lys275-Phe496) hFc(Glu99-Ala330) Characterization

**Molecular Weight** 49.94 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

The protein has a predicted molecular mass of

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before

Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is an antagonist of angiopoietin 1 (Ang-1), and both (Ang-1 and Ang-2) are ligands for the endothelial tyrosine kinase receptor (Tie2). These two ligands affect

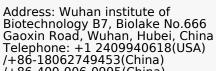
angiogenesis during embryogenesis and

**Background** tumorigenesis. The encoded protein disrupts the vascular remodeling ability of Ang-1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have

been found for this gene.

**Usage** Research use only

Conjugate Unconjugated



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