

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



Catalog Number: 503292

General Information

Protein Construction

A DNA sequence encoding the human Angiopoietin 2 (NP_001138.1) (Met 1-Phe 496) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its ability to bind recombinant human Tie2-His in a functional ELISA.
2. Measured by its ability to bind recombinant human Tie2-Fch in a functional ELISA.

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the 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

Tyr 19

Molecular Mass

The recombinant human Ang2 consists of 489 amino acids and predicts a molecular mass of 56.3 kDa. As a result of glycosylation, the rhAng2 migrates as approximately 60-70 kDa band in SDS-PAGE under reducing conditions.

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

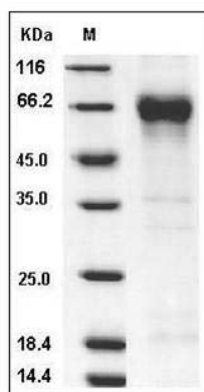
Storage

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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SDS-PAGE