

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



Catalog Number: 504892

General Information

Protein Construction

A DNA sequence encoding the cynomolgus ANGPT2 (XP_005562585.1) (Lys274-Phe495) was expressed with a polyhistidine tag at the N-terminus. Cynomolgus and Rhesus ANGPT2 sequences are identical.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized Cynomolgus ANGPT2 at 10 µg/ml (100 µl /well) can bind Cynomolgus TEK-Fc (Cat:501586), The EC₅₀ of Cynomolgus TEK-Fc (Cat:501586) is 20-60 ng/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 cynomolgus ANGPT2 consists 241 amino acids and predicts a molecular mass of 27.7 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

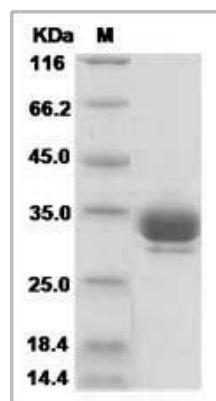
Storage

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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Protein (His Tag)