

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 EC₅₀ of human Tie2-Fch (Cat:503333) is 0.1-0.3 µg/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

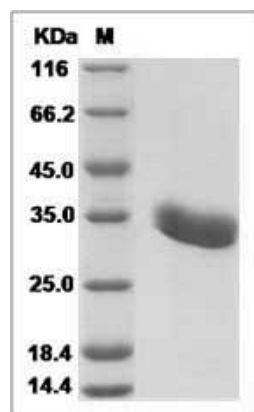
Store it under sterile conditions at -20°C to -80°C.

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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