Recombinant Human Angiopoietin-4/ANG-4 /ANGPT4(23-503) Protein

Catalog No.: RP01773

Sequence Information

Species
Human

Gene ID
51378

Swiss Prot
Q9Y264

Tags
C-His

Synonyms
ANG3; ANG4

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
55.43 kDa

Observed MW
75-100 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Human Angiopoietin-4 (Ang-4) (1), alternatively named Ang-3 (2), is a secreted glycoprotein belonging to the angiopoietin family. It has the characteristic structural motifs of angiopoietins including the coiled-coiled domain near the amino-terminus and a fibrinogen-like domain at the C-terminus.

Basic Information

Description
Recombinant Human Angiopoietin-4/ANG-4/ANGPT4(23-503) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln23-Ile503) of human ANG-4/ANGPT4 (Accession #NP_057069.1) fused with and a 6×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

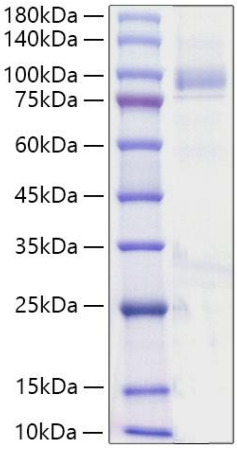
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human Angiopoietin-4/ANG-4/ANGPT4(23-503) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.