

Biotinylated Recombinant Human Angiopoietin-like 2/ANGPTL2 (260-493) Protein

Catalog No.: RP02757B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	23452	Q9UKU9-1

Tags

C-His&Avi

Synonyms

ARP2; HARP; angiopoietin-like 2; ANGPTL2; ANGRP2; MGC8889

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE and HPLC

Calculated MW	Observed MW
30.1 kDa	31-35 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, 200 mM L-arginine, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Angiopoietin-like 2 (ANGPTL2) is a proinflammatory protein belonging to the angiopoietin-like family. ANGPTL2 is secreted and detected in the systemic circulation. Different observational clinical studies reported that circulating levels of ANGPTL2 increase significantly in various chronic inflammatory diseases and showed associations between ANGPTL2 levels and diagnosis and/or prognosis of cardiovascular diseases, diabetes, chronic kidney disease, and various types of cancers.

Basic Information

Description

Biotinylated Recombinant Human Angiopoietin-like 2/ANGPTL2 (260-493) Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Thr260-His493) of Human ANGPTL2 (260-493) (Accession #Q9UKU9-1) fused with His and Avi tag at the C-terminus.

Bio-Activity

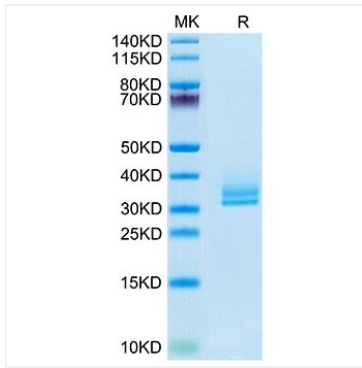
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

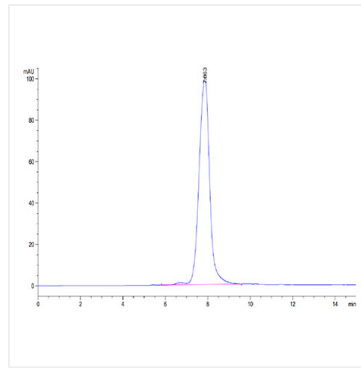


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Validation Data



Biotinylated Human ANGPTL2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human ANGPTL2 is greater than 95% as determined by SEC-HPLC.