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

Catalog No.: RP02757B

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Sequence Information

Species
Human

Gene ID
23452

Swiss Prot
Q9UKU9-1

Tags
C-His&Avi

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

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
30.1 kDa

Observed MW
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 stablizer (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.

Activity

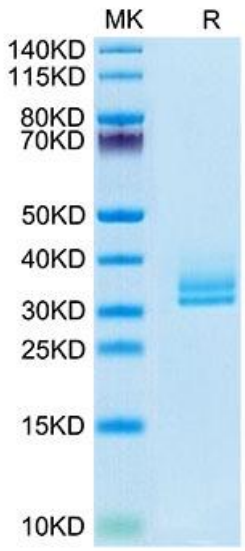
Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

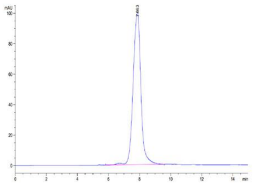
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Biotinylated Recombinant Human Angiopoietin-like 2/ANGPTL2 (260-493) Protein was determined by Tris-Bis PAGE under reducing conditions.



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

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