Recombinant Human GP1BA/CD42b Protein

Catalog No.: RP03222

Sequence Information

Species
Human

Gene ID
2811

Swiss Prot
P07359

Tags
C-His

Synonyms
GP-Ib alpha; GPIb-alpha; GPIbA; GP1BA; BDPLT1; BDPLT3; BSS; CD42B; CD42b-alpha; DBPLT3; GP1B; VWDP; BP1BA; MGC34595

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.≥ 95 % as determined by HPLC.

Calculated MW
57.6 kDa.

Observed MW
110-115 kDa.

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

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

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

Absence of the CD42 complex leads to the Bernard-Soulier syndrome (BSS), which is a bleeding disorder characterized by thrombocytopenia and giant platelets. So far, mutations have been found in the genes encoding CD42a, CD42b and CD42c in patients with BSS**.

Basic Information

Description
Recombinant Human GP1BA/CD42b Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (His17-Leu531) of Human GP1BA/CD42b (Accession #NP_000164.5) fused with a 6×His tag at the C-terminus.

Activity
Immobilized Human CD42b, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-CD42b Antibody, hFc Tag with the EC50 of 4.0 ng/ml determined by ELISA.

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℃

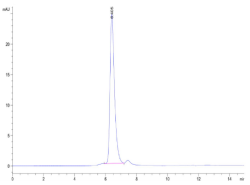
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

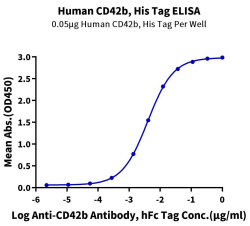
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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

Validation Data



The purity of Human CD42b is greater than 95% as determined by SEC-HPLC.



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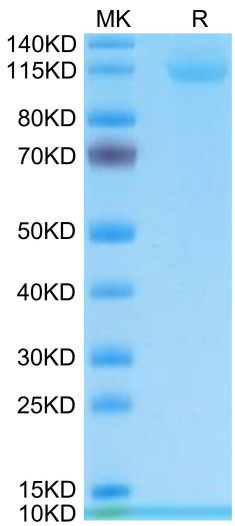

Recombinant Human GP1BA/CD42b Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.