

Recombinant Human ITGAV/CD51&ITGB3/CD61 Protein

Catalog No.: RP02427

Sequence Information

Species **Gene ID**
Human 3685&3690

Swiss Prot **Tags**
P06756&P05106 C-His&Avi

Synonyms
Integrin alpha V beta 3, beta3, alphaV

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW **Observed MW**
114 kDa(ITGAV), 85-140 kDa
81.3 kDa(ITGB3)

Endotoxin
< 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 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.

Background

Basic Information

Description

Recombinant Human Integrin ITGAV & ITGB3 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Phe31-Val992(P06756) acidic tail&GLy27-Asp718(P05106) basic tail) of Human Integrin ITGAV & ITGB3 fused with His tag and Avi tag at the C-terminal.

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°C

Operational Notes

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

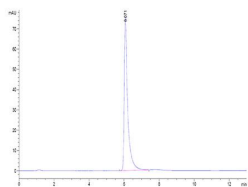
Contact

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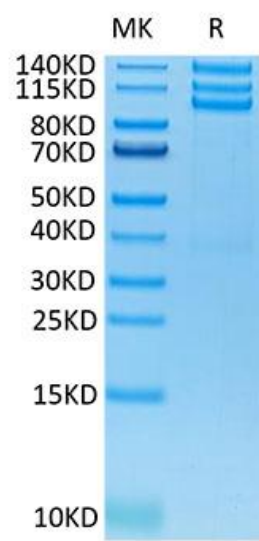
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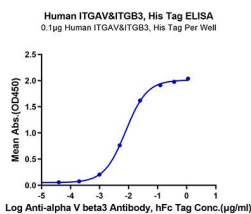
Validation Data



The purity of Human ITGAV&ITGB3 is greater than 95% as determined by SEC-HPLC.



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Immobilized Human ITGAV&ITGB3, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-alpha V beta3 Antibody, hFc Tag with the EC₅₀ of 7.9ng/ml determined by ELISA.