

Recombinant Human Integrin alpha V beta 5 (ITGAV&ITGB5) Protein

Catalog No.: RP02428 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3685&3693	P06756&P18084

Tags

C-His&Avi

Synonyms

Integrin alpha V beta 5; beta5; alphaV

Product Information

Source

HEK293 cells

Purification

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

Calculated MW

114 kDa(ITGAV),
81.4 kDa(ITGB5)

Observed MW

85-140 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.

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

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

Background

Basic Information

Description

Recombinant Human Integrin alpha V beta 5 (ITGAV&ITGB5) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Phe31-Val992)&(Gly24-Asn719) of Human Integrin alpha V beta 5 (ITGAV&ITGB5) (Accession #) fused with His tag and Avi tag at the C-terminal.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

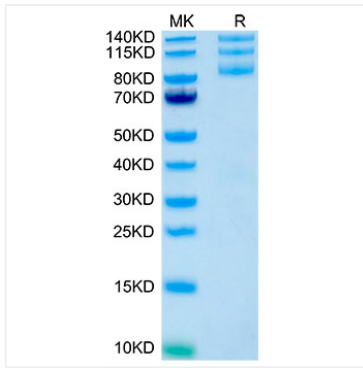
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

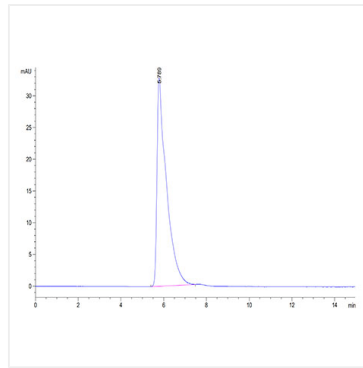
Operational Notes

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

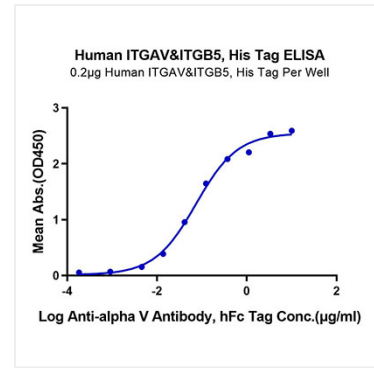
Validation Data



0



The purity of Human ITGAV&ITGB5 is greater than 95% as determined by SEC-HPLC.



Immobilized Human ITGAV&ITGB5, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-alpha V Antibody, hFc Tag with the EC₅₀ of 73.9ng/ml determined by ELISA.