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

Calculated MW	Observed MW
114 kDa(ITGAV), 81.4 kDa(ITGB5)	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 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

Basic Information

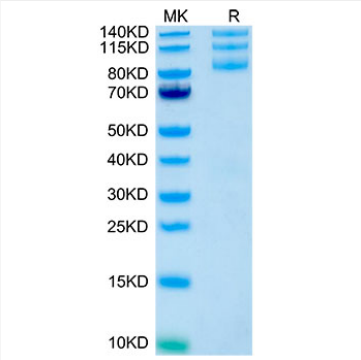
Description
Recombinant Human Integrin alpha V beta 5 (ITGAV&ITGB5) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Phe31-Val992)&(Gly24-Asn719) of Human Integrin alpha V beta 5 (ITGAV&ITGB5) (Accession #) fused with His tag and Avi tag at the C-terminal.

Bio-Activity

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

* 为了您的安全和健康，请穿实验服并戴一次性手套操作。

Validation Data



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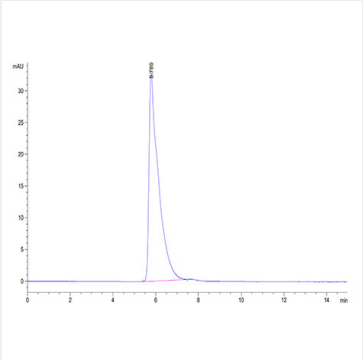
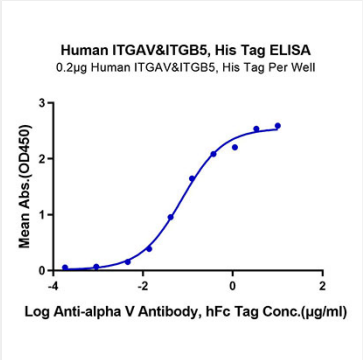


The purity of Human ITGAV&ITGB5 is greater than 95% as determined by SEC-HPLC.



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 EC_{50} of 73.9ng/ml determined by ELISA.