

Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer Recombinant Protein | ITGAV&ITGB3 recombinant protein

Biotinylated Human Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer Protein Recombinant

CATALOG #	HOST
AAA76176	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

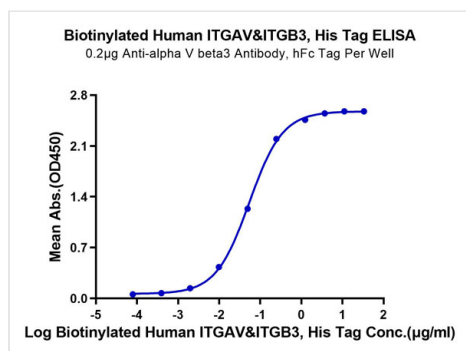
PRODUCT SYNONYMS

Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer; Biotinylated Human Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer Protein Recombinant; ITGAV&ITGB3 recombinant protein

PRODUCT SPECIFICATIONS

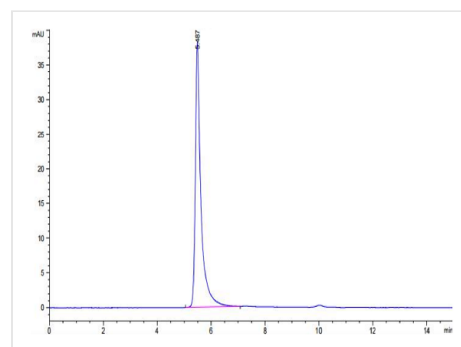
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer including a C-His-Avi tag was expressed in HEK293 Cells.The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



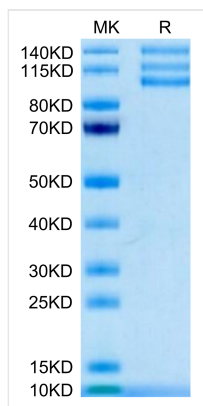
ELISA

Biotinylated Human Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer Protein ELISA Data: Immobilized Anti-alpha V beta3 Antibody, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human ITGAV&ITGB3, His Tag with the EC50 of 54ng/ml determined by ELISA.



Application Data

Biotinylated Human Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer Protein SEC-HPLC: The purity of Biotinylated Human ITGAV&ITGB3 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human Integrin alpha V beta 3 (ITGAV&ITGB3) Heterodimer Protein Tris-Bis PAGE Biotinylated Human ITGAV&ITGB3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for ITGAV&ITGB3 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223468595
NCBI GeneID	3685
NCBI Accession #	NP_001138471.1
NCBI GenBank Nucleotide #	NM_001144999.2
UniProt Accession #	P06756; P03231; P05556 ITB1_HUMAN; P18564; P05106
Molecular Weight	116,038 Da
NCBI Official Full Name	integrin alpha-V isoform 2
NCBI Official Synonym Full Names	integrin, alpha V
NCBI Official Symbol	ITGAV
NCBI Official Synonym Symbols	CD51; MSK8; VNRA; VTNR
NCBI Protein Information	integrin alpha-V; integrin alphaVbeta3; vitronectin receptor subunit alpha; antigen identified by monoclonal antibody L230; integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)
UniProt Protein Name	Integrin alpha-V
UniProt Gene Name	ITGAV
UniProt Synonym Gene Names	MSK8; VNRA
UniProt Entry Name	ITAV_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/itgav-recombinant-protein-hek293-cells-note-host-protein-expression-may-be-lot-specific-and-can-be-subject-to-change-during-production-including-bulk-orders/76176>