

Integrin alpha V beta 5 Recombinant Protein | ITGAV recombinant protein

Recombinant Human Integrin alpha V beta 5 Protein (DYKDDDDK & His Tag), HPLC-verified

CATALOG # AAA259281	HOST HEK293 Cells
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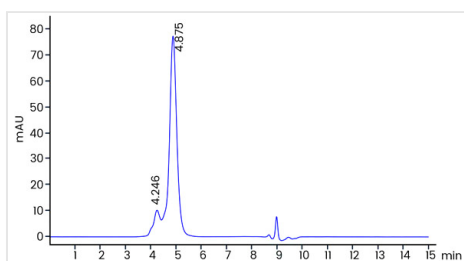
PRODUCT SYNONYMS

Integrin alpha V beta 5; Recombinant Human Integrin alpha V beta 5 Protein (DYKDDDDK & His Tag); HPLC-verified; ITGAV recombinant protein

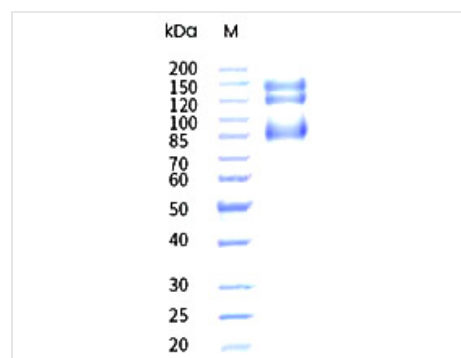
PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>= 95% as determined by SDS-PAGE. = 85% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Species	Human
Predicted N Terminal	Phe 31 & Gly 24
Endotoxin	<1.0 EU per ug protein as determined by the LAL method.
Protein Construction	A DNA sequence encoding the human ITGAV (P06756-1)(Met1-Val992) was fused with a DYKDDDDK tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the human ITGB5 (P18084-1)(Met1-Asn719) was expressed with a polyhistidine tag at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the Integrin alpha V beta 5 Heterodimer was purified.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data



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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; P18084
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/259281>