

Active Recombinant Human ITGAV&ITGB6

Cat. No. ITGAV&ITGB6-741H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGAV&ITGB6 (Accession # NP_002201 (Integrin alpha V) & P18564 (Integrin beta 6)) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
Predicted N Terminal	Phe31 (alpha V subunit) & Gly22 (beta 6 subunit)
Form	Lyophilized from a 0.2 µ filtered solution in Tris, NaCl and CaCl ₂ .
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human Integrin alpha V beta 6 at 2.0 µg/mL can bind Recombinant Human LAP TGF-beta 1 with an apparent K _D <0.1 nM.
Molecular Mass	Recombinant Human ITGAV&ITGB6 has a calculated MW of 110.5 kDa (alpha V subunit), 78.6 kDa (beta 6 subunit). In SDS-PAGE migrates as 145 kDa and 115 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	ITGAV integrin, alpha V [Homo sapiens]
Official Symbol	ITGAV
Synonyms	ITGAV; integrin, alpha V; antigen identified by monoclonal L230 , integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) , MSK8, vitronectin receptor , VNRA, VTNR; integrin alpha-V; CD51; integrin alphaVbeta3; vitronectin receptor subunit alpha; antigen identified by monoclonal L230; integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51); MSK8; VNRA; VTNR; DKFZp686A08142;
Gene ID	3685
mRNA Refseq	NM_001144999
Protein Refseq	NP_001138471
MIM	193210
UniProt ID	P06756
Chromosome Location	2q31-q32

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