

**32-17221: Recombinant human ITGAV protein with C-terminal human Fc tag****Alternative Name :** CD51; MSK8; VNRA; VTNR**Description**

Expression Host : HEK293

The protein has a predicted molecular mass of 131.34 kDa after removal of the signal peptide.

The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha V subunit. This subunit associates with beta 1, beta 3, beta 5, beta 6 and beta 8 subunits. The heterodimer consisting of alpha V and beta 3 subunits is also known as the vitronectin receptor. This integrin may regulate angiogenesis and cancer progression. Alternative splicing results in multiple transcript variants. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes.

**Product Info**

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 50 µg   |
| <b>Purification :</b>      | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.              |
| <b>Content :</b>           | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. |
| <b>Storage condition :</b> | Store at -80°C for 12 months (Avoid repeated freezing and thawing)  |