

PRODUCT INFORMATION

ITGB1 **Target**

Synonyms GPIIA;CD29;VLA-4 subunit beta

Recombinant human ITGB1 protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P05556 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Background

ITGB1(Gln21-Asp728) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

104.5 kDa after removal of the signal peptide. The apparent molecular mass of ITGB1-hFc is **Molecular Weight** approximately 130-250 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and

metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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Research use only Usage

Conjugate Unconjugated





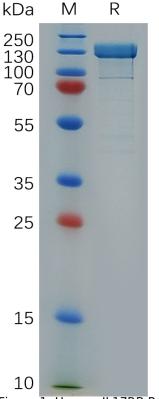


Figure 1. Human IL17RB Protein, His Tag on SDS-PAGE under reducing condition.

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