

HUMAN ITGB5 PROTEIN, HFC TAG

Cat.#: 11697

Product Name: Human ITGB5 Protein; HFc Tag

Size: 10 µg; 50 µg and 100 µg

Synonyms: Integrin beta-5

Target: ITGB5

UNIPROT ID: P18084

Description: Recombinant Human ITGB5 Protein With C-Terminal Human Fc Tag

Background: This gene encodes a beta subunit of integrin, which can combine with different alpha chains to form a variety of integrin heterodimers. Integrins are integral cell-surface receptors that participate in cell adhesion as well as cell-surface mediated signaling. The alphav beta5 integrin is involved in adhesion to vitronectin. [provided by RefSeq, Aug 2017]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 102.7 kDa after removal of the signal peptide. The apparent molecular mass of ITGB5-hFc is approximately 100–250 kDa due to glycosylation.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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

Product Description

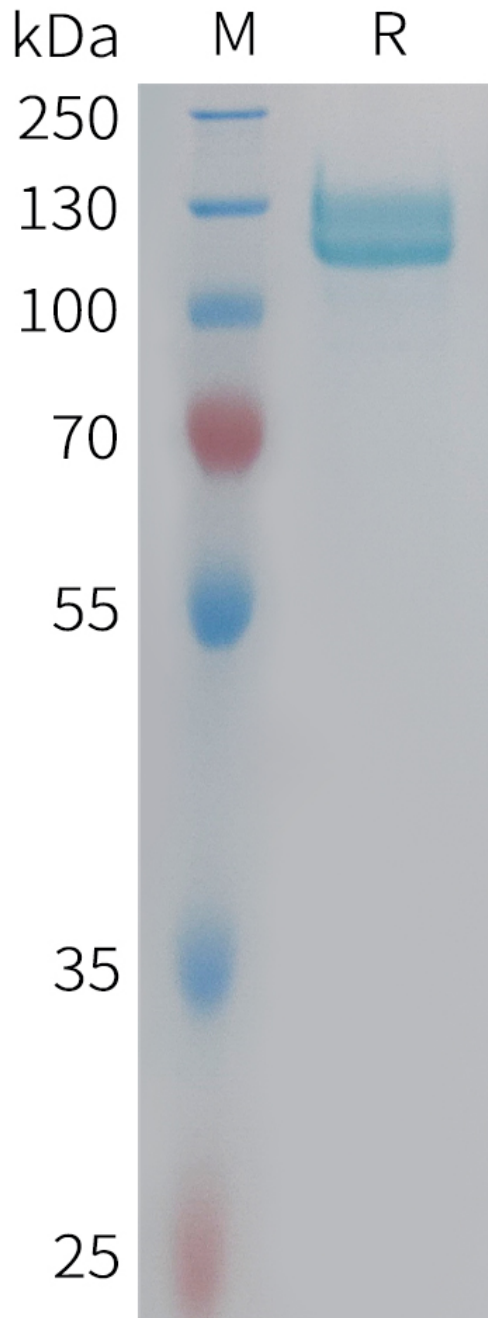


Figure 1. Human ITGB5 Protein, hFc Tag on SDS-PAGE under reducing condition.