

## 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 alpha<sub>v</sub>beta<sub>5</sub> 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.

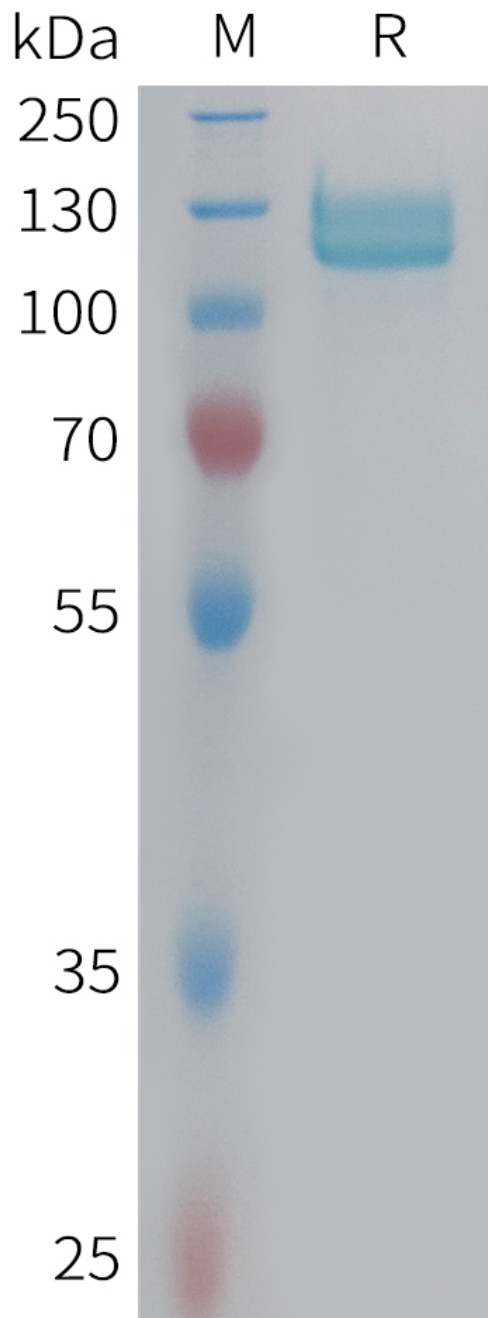


Figure 1. Human ITGB5 Protein, hFc Tag on SDS-PAGE under reducing condition.