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.

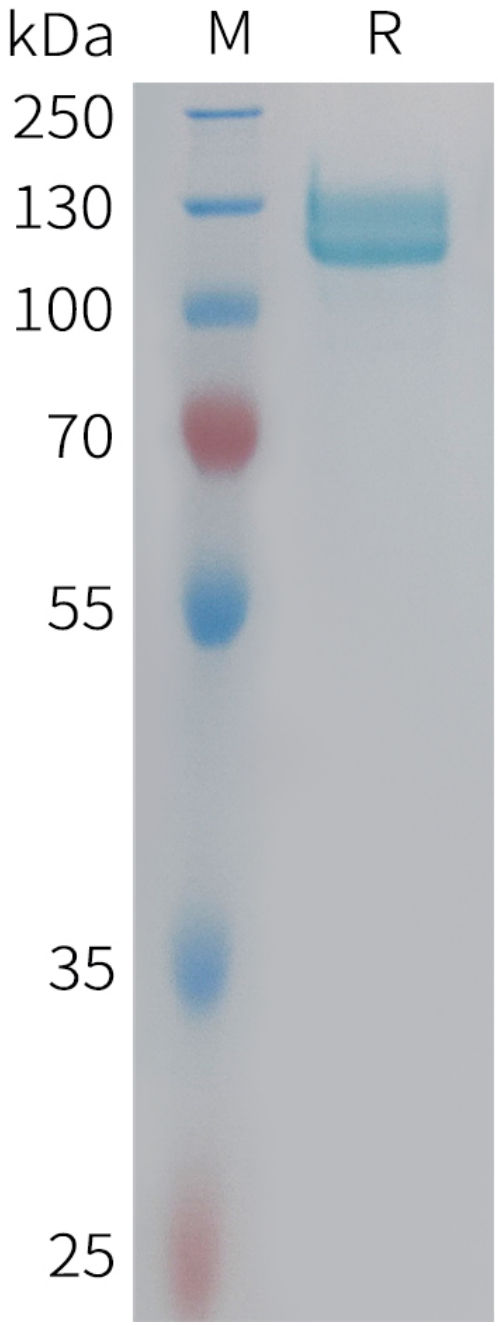

Figure 1. Human ITGB5 Protein, hFc Tag on SDS-PAGE under reducing condition.