PRODUCT INFORMATION

Target	ITGB5
Synonyms	Integrin beta-5
Description	Recombinant human ITGB5 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P18084
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	ITGB5(Gly24-Asn719) hFc(Glu99-Ala330)
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
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.
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]
Usage	Research use only
Conjugate	Unconjugated

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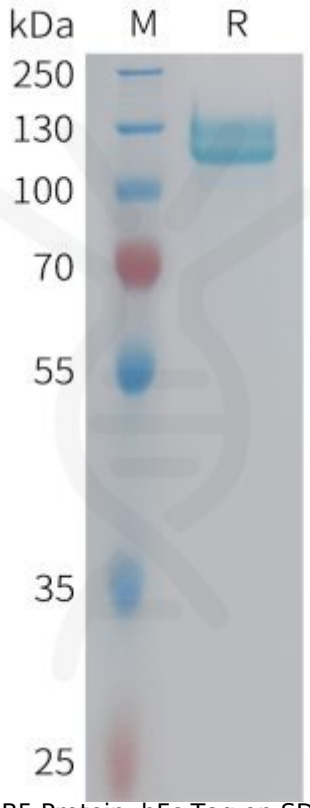


Figure 1. Human ITGB5 Protein, hFc Tag on SDS-PAGE under reducing condition.

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