PRODUCT INFORMATION

Target	ITGB6
Synonyms	AI1H
Description	Recombinant human ITGB6 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P18564
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	ITGB6(Gly22-Asn707) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 100.4 kDa after removal of the signal peptide. The apparent molecular mass of ITGB6-hFc is approximately 130-250 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms a dimer with an alpha v chain and this heterodimer can bind to ligands like fibronectin and transforming growth factor beta 1. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Usage	Research use only
Conjugate	Unconjugated

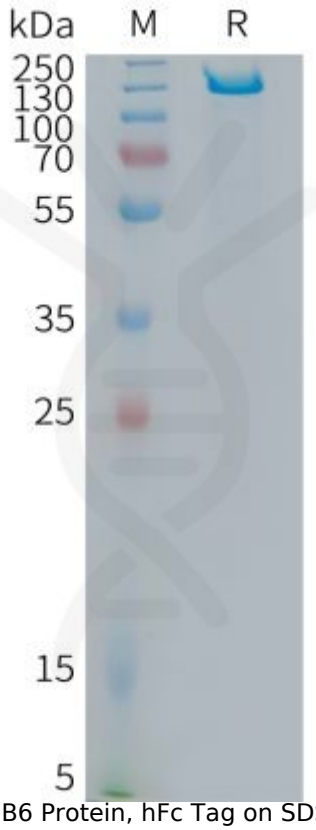

Figure 1. Human ITGB6 Protein, hFc Tag on SDS-PAGE under reducing condition.

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