

## PRODUCT INFORMATION

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| <b>Target</b>                           | ITGB5  |
| <b>Synonyms</b>                         | Integrin beta-5  |
| <b>Description</b>                      | Recombinant human ITGB5 Protein with C-terminal human Fc tag   |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | P18084   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-Human Fc tag   |
| <b>Molecular Characterization</b>       | ITGB5(Gly24-Asn719) hFc(Glu99-Ala330)  |
| <b>Molecular Weight</b>                 | 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.   |
| <b>Purity</b>                           | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.   |
| <b>Formulation &amp; Reconstitution</b> | 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.   |
| <b>Storage &amp; Shipping</b>           | 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.  |
| <b>Background</b>                       | 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 alpha5 beta5 integrin is involved in adhesion to vitronectin. [provided by RefSeq, Aug 2017] |
| <b>Usage</b>                            | Research use only  |



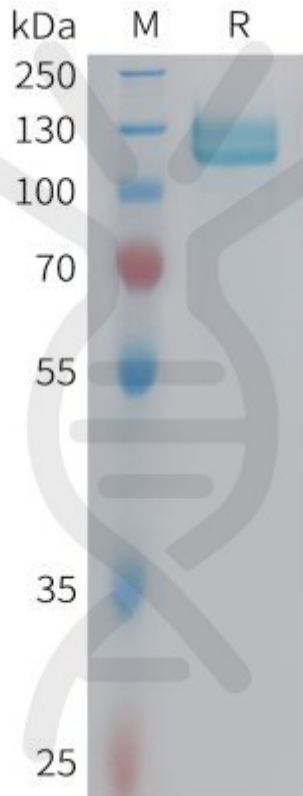


Figure 1. Human ITGB5 Protein, hFc Tag on SDS-PAGE under reducing condition.

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