

Product Name: Recombinant Human ITGB1 (C-6His)
Catalog #: PHH2079

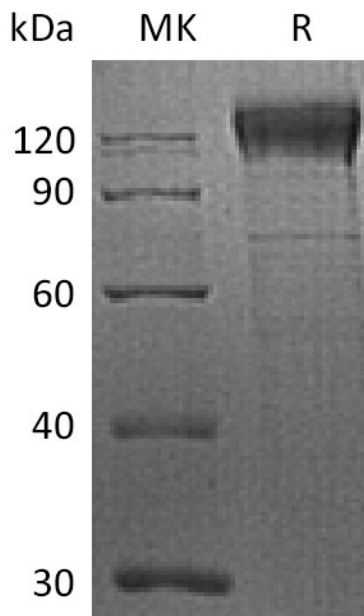


Summary

Name	Integrin beta-1/ITGB1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Integrin β-1/ITGB1 is produced by our Mammalian expression system and the target gene encoding Gln21-Asp728 is expressed with a 6His tag at the C-terminus.
Accession #	P05556
Host	Human Cells
Species	Human
Predicted Molecular Mass	79.4 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Integrin Beta-1; Fibronectin Receptor Subunit Beta; VLA-4 Subunit Beta; CD29; ITGB1; FNRB; MDF2; MSK12

Background

Integrin β -1 (ITGB1) belongs to the integrin β chain family. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. ITGB1 is an integrin unit associated with very late antigen receptors, which contains one VWFA domain. It is known to conjoin with α -3 subunit to create α 3 β 1 complex that reacts to such molecules as netrin-1 and reelin.

Note

For Research Use Only , Not for Diagnostic Use.