

Datasheet for ABIN6964137

ITGB1 Protein (AA 21-728) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ITGB1
Protein Characteristics:	AA 21-728
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITGB1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human ITGB1 protein with C-terminal human Fc tag
Specificity:	ITGB1 (Gln21-Asp728) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ITGB1
Alternative Name:	ITGB1 (ITGB1 Products)
Background:	Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and

Target Details

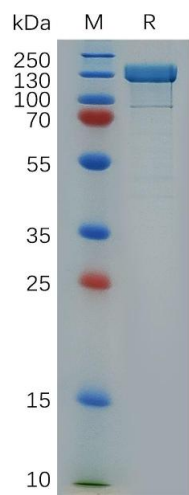
	8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Weight:	predicted molecular mass of 104.5 kDa after removal of the signal peptide. The apparent molecular mass of ITGB1-hFc is 130-250 kDa due to glycosylation.
UniProt:	P05556
Pathways:	Cell-Cell Junction Organization , Regulation of G-Protein Coupled Receptor Protein Signaling , CXCR4-mediated Signaling Events , Signaling of Hepatocyte Growth Factor Receptor , Integrin Complex , SARS-CoV-2 Protein Interactome

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human IL17RB Protein, His Tag on SDS-PAGE under reducing condition.