

Datasheet for ABIN6964193

**Integrin beta 7 Protein (ITGB7) (Fc Tag)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Integrin beta 7 (ITGB7)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Integrin beta 7 protein is labelled with Fc Tag.

## Product Details

Sequence:	ITGB7(Glu20-His723)+hFc(Glu99-Ala330)+ ITGAE(Phe19-Ser1124)+hFc(Glu99-Ala330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

## Target Details

Target:	Integrin beta 7 (ITGB7)
Alternative Name:	ITGB7 ( <a href="#">ITGB7 Products</a> )
Background:	<p>Synonymes: integrin, beta 7, integrin beta 7 subunit</p> <p>Description: 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 dimers with an alpha4 chain or an alphaE chain and plays a role in leukocyte adhesion. Dimerization with alpha4 forms a homing</p>

## Target Details

receptor for migration of lymphocytes to the intestinal mucosa and Peyer's patches. Dimerization with alphaE permits binding to the ligand epithelial cadherin, a calcium-dependent adhesion molecule. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

Molecular Weight: 105.16 kDa

UniProt: [P26010](#)

Pathways: [Integrin Complex](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -80 °C

Storage Comment: Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Expiry Date: 12 months