Datasheet for ABIN7538334

ITGB6 Protein (AA 22-707) (Fc Tag)

1 Image

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Overview

Quantity:	50 µg
Target:	ITGB6
Protein Characteristics:	AA 22-707
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITGB6 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human ITGB6 Protein with C-terminal human Fc tag
Specificity:	ITGB6 (Gly22-Asn707) 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:	ITGB6
Alternative Name:	ITGB6 (ITGB6 Products)
Background:	This gene encodes a protein that is a member of the integrin superfamily. Members of this

Target Details

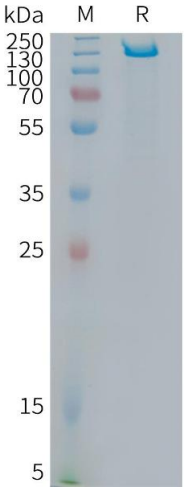
	family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms a dimer with an alpha v chain and this heterodimer can bind to ligands like fibronectin and transforming growth factor beta 1. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Molecular Weight:	predicted molecular mass of 100.4 kDa after removal of the signal peptide. The apparent molecular mass of ITGB6-hFc is 130-250 kDa due to glycosylation.
UniProt:	P18564

Application Details

Restrictions:	For Research Use only

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 I Protein, hFc Tag on SDS-PAGE under reducing condition.