Datasheet for ABIN7490739

ITGA2 Protein (AA 30-1132) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	ITGA2
Protein Characteristics:	AA 30-1132
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITGA2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human ITGA2 Protein with C-terminal 6xHis tag
Specificity:	ITGA2 (Thr30-Thr1132) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ITGA2
Alternative Name:	ITGA2 (ITGA2 Products)
Background:	This gene encodes the alpha subunit of a transmembrane receptor for collagens and related

Target Details

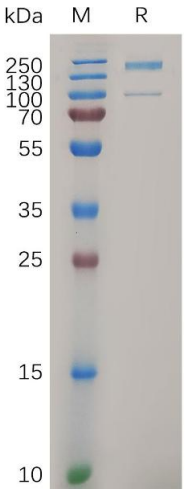
	proteins. The encoded protein forms a heterodimer with a beta subunit and mediates the adhesion of platelets and other cell types to the extracellular matrix. Loss of the encoded protein is associated with bleeding disorder platelet-type 9. Antibodies against this protein are found in several immune disorders, including neonatal alloimmune thrombocytopenia. This gene is located adjacent to a related alpha subunit gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Molecular Weight:	predicted molecular mass of 121.8 kDa after removal of the signal peptide. The apparent molecular mass of ITGA2-His is 130-250 kDa due to glycosylation.
UniProt:	P17301
Pathways:	CXCR4-mediated Signaling Events, Smooth Muscle Cell Migration, Integrin Complex

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, His Tag on SDS-PAGE under reducing condition.