



Datasheet for ABIN7319758 ITGB1 Protein (His tag)



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Overview

Quantity:	50 µg
Target:	ITGB1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITGB1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Integrin Beta-1/ITGB1 (C-6His)
Sequence:	Gln21-Asp728
Characteristics:	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.
Purity:	>90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ITGB1
Alternative Name:	Integrin Beta-1/ITGB1 (ITGB1 Products)
Background:	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

Target Details

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.

Synonym: Integrin Beta-1, Fibronectin Receptor Subunit Beta, VLA-4 Subunit Beta, CD29, ITGB1, FNRB, MDF2, MSK12

Molecular Weight: 79.4 kDa

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

Handling

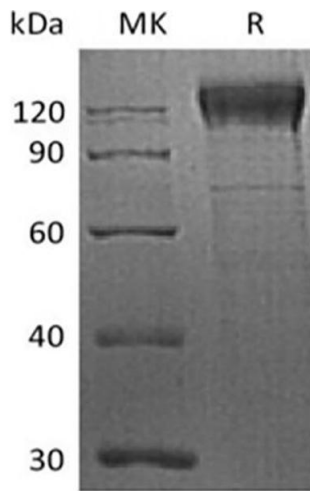
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.