

Datasheet for ABIN2713476

Integrin beta 2 Protein (ITGB2) (Transcript Variant 2) (Myc-DYKDDDDK Tag)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	20 µg
Target:	Integrin beta 2 (ITGB2)
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Integrin beta 2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human CD18 / ITGB2 (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	Integrin beta 2 (ITGB2)
Alternative Name:	Cd18,itgb2 (ITGB2 Products)
Background:	This gene encodes an integrin beta chain, which combines with multiple different alpha chains to form different integrin heterodimers. Integrins are integral cell-surface proteins that participate in cell adhesion as well as cell-surface mediated signalling. The encoded protein plays an important role in immune response and defects in this gene cause leukocyte adhesion

Target Details

	deficiency. Alternative splicing results in multiple transcript variants.
Molecular Weight:	82.5 kDa
NCBI Accession:	NP_001120963
Pathways:	NF-kappaB Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades , Activated T Cell Proliferation

Application Details

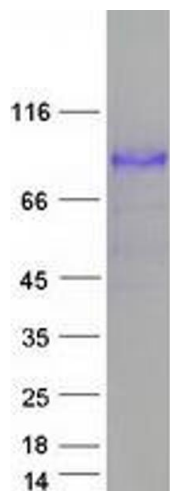
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:	Saha, Chakraborty, Xiong, Dwivedi, Mustafi, Leigh, Ramchandran, Mukherjee, Bhattacharya: "Cystathionine β-synthase regulates endothelial function via protein S-sulfhydration." in: FASEB journal : official publication of the Federation of American Societies for Experimental Biology , Vol. 30, Issue 1, pp. 441-56, (2016) (PubMed).
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Western Blotting

Image 1. Validation with Western Blot