Datasheet for ABIN2721183

Fibulin 5 Protein (FBLN5) (Myc-DYKDDDDK Tag)

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Overview

Quantity:	20 µg
Target:	Fibulin 5 (FBLN5)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Fibulin 5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human Fibulin-5 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:	Fibulin 5 (FBLN5)
Alternative Name:	Fibulin-5 (FBLN5 Products)
Background:	The protein encoded by this gene is a secreted, extracellular matrix protein containing an Arg-Gly-Asp (RGD) motif and calcium-binding EGF-like domains. It promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. It is prominently expressed in developing arteries but less so in adult vessels. However, its expression is reinduced in balloon-injured vessels and atherosclerotic lesions, notably in intimal vascular smooth muscle

Target Details

	cells and endothelial cells. Therefore, the protein encoded by this gene may play a role in vascular development and remodeling. Defects in this gene are a cause of autosomal dominant cutis laxa, autosomal recessive cutis laxa type I (CL type I), and age-related macular degeneration type 3 (ARMD3).
Molecular Weight:	47.8 kDa
NCBI Accession:	NP_006320
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

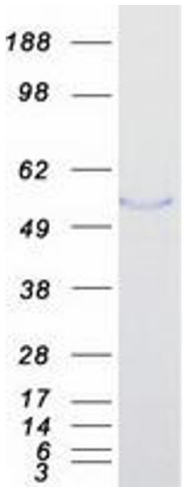
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

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:	Montesinos-Rongen, Purschke, Brunn, May, Nordhoff, Marcus, Deckert: "Primary Central Nervous System (CNS) Lymphoma B Cell Receptors Recognize CNS Proteins." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 195, Issue 3, pp. 1312-9, (2015) (PubMed).



Western Blotting

Image 1. Validation with Western Blot