Datasheet for ABIN2712944

Cofilin Protein (Myc-DYKDDDDK Tag)

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1 Image

Overview

Quantity:	20 µg
Target:	Cofilin (CFL1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cofilin protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human Cofilin-1 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:	Cofilin (CFL1)
Alternative Name:	Cofilin-1 (CFL1 Products)
Background:	The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH -dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin is a widely distributed intracellular actin-modulating protein that binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH -dependent manner. It is involved in the

Target Details

	translocation of actin-cofilin complex from cytoplasm to nucleus.[supplied by OMIM, Apr 2004]
Molecular Weight:	18.3 kDa
NCBI Accession:	NP_005498
Pathways:	Regulation of Cell Size, Tube Formation, Protein targeting to Nucleus, CXCR4-mediated Signaling Events

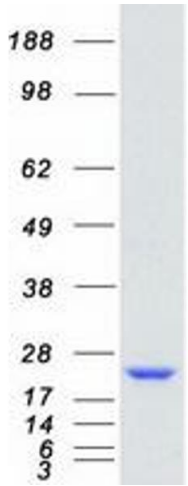
Application Details

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.

Images



Western Blotting

Image 1. Validation with Western Blot