Datasheet for ABIN2712946

Cofilin 2 Protein (CFL2) (Transcript Variant 2) (Myc-DYKDDDDK Tag)

1	Image

Overview

Quantity:	20 μg
Target:	Cofilin 2 (CFL2)
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cofilin 2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human Cofilin-2 (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:	Cofilin 2 (CFL2)
Alternative Name:	Cofilin-2 (CFL2 Products)
Background:	This gene encodes an intracellular protein that is involved in the regulation of actin-filament dynamics. This protein is a major component of intranuclear and cytoplasmic actin rods. It can bind G- and F-actin in a 1:1 ratio of cofilin to actin, and it reversibly controls actin polymerization and depolymerization in a pH -dependent manner. Mutations in this gene cause nemaline

Target Details

myopathy type 7, a form of congenital myopathy. Alternative splicing results in multiple transcript variants.

Molecular Weight:	18.6 kDa
NCBI Accession:	NP_619579
Pathways:	Caspase Cascade in Apoptosis

Application Details

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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
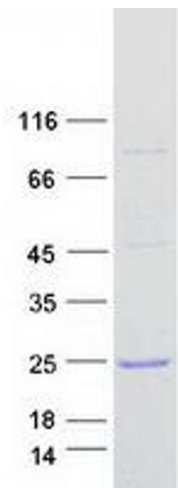
Western Blotting

Image 1. Validation with Western Blot