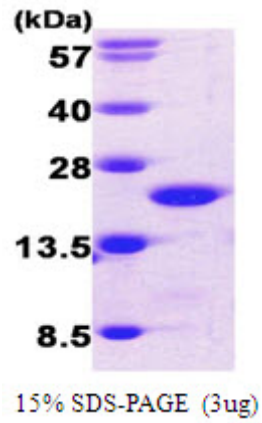


AR09012PU-N**Recombinant human Cofilin-1 (aa 1-166), His-tagged**

Alternate names:	18 kDa phosphoprotein, CFL, CFL1, Cofilin non-muscle isoform, p18
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	Cofilin is a family of actin-binding proteins which disassembles actin filaments. It 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 translocation of actin-cofilin complex from cytoplasm to nucleus.
Uniprot ID:	P23528
NCBI:	NP_005498.1
GeneID:	1072
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% >/= 95% by SDS PAGE Buffer System: 20 mM Tris pH 8.0, 10 % Glycerol
Description:	Recombinant human Cofilin, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MASGVAVSDG VIKVFNDMKV RKSSTPEEVK KRKKAVLFCL SEDKKNIILE EGKEILVGDV GQTVDDPYAT FVKMLPKDC RYALYDATYE TKESKKEDLV FIFWAPESAP LSKSMIYASS KDAIKKLTG IKHELQANCY EEVKDRCTLA EKLGGSAVIS LEGKPL Molecular weight: 20 kDa 20 kDa (186 aa)
Add. Information:	NCBI Accession : NP_005498
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Mannherz H.G, et al , (2007). J. Mol. Biol. 366 (3) 745-755. Olsen J.V., et al , (2006). Cell. 127 (3), 635-648.

Pictures:



Cofilin-1: 15 %SDS-PAGE (3 µg)

