9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

# CFL1 Human

*Cofilin-1 Human Recombinant*
*RCP0409*

## Product Overview

| | |
|---|---|
| Name | CFL1 Human |
| **Description** | |
| Cofilin-1 Human Recombinant | |
| Accession (Primary) | P23528 |
| **Synonyms** | |
| CFL-1, CFL1, Cofilin1, Cofilin-1, Cofilin, non-muscle isoform, 18 kDa phosphoprotein, p18. | |
| **Introduction** | |
| 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. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile Filtered colorless solution. | |
| **Formulation** | |
| The protein solution contains 20mM Tris pH-8 and 10% glycerol. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. | |
| **Purity** | |
| Greater than 95.0% as determined by Analysis by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MASGVAVSDG VIKVFNDMKV RKSSTPEEVK KRKKAVLFCLSEDKKNIILE EGKEILVGDV GQTVDDPYAT FVKMLPDKDC RYALYDATYE TKESKKEDLVFIFWAPESAP LKSKMIYASS KDAIKKKLTG IKHELQANCY EEVKDRCTLA EKLGGSAVIS LEGKPL. | |
| **Precautions** | |
| CFL1 Human is for research use only and not for use in diagnostic or therapeutic procedures. | |

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# Target Information: ( P23528 )