

## 32-3516: CFL2 Recombinant Protein

**Alternative Name :** Cofilin-2, Cofilin- muscle isoform, CFL2, NEM7.

### Description

Source : Escherichia Coli. CFL2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 186 amino acids (1-166 a.a.) and having a molecular mass of 20.9kDa. CFL2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CFL2 protein is a member of the actin-binding proteins ADF family which contains 1 ADF-H domain. Cofilin is a broadly distributed intracellular actin-modulating protein which binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH-dependent manner. Defects in the CFL2 gene are the cause of nemaline myopathy type 7 (NEM7).

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	CFL2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 50mM NaCl.
<b>Storage condition :</b>	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). Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHH SSGLVPRGSH MASGVTVNDE VIKVFNDMKV RKSSTQEEIK KRKKAVLFCL SDDKRQIIVE EAKQILVGDI GDTVEDPYTS FVKLLPLNDC RYALYDATYE TKESKKEDLV FIFWAPESAP LKSKMIYASS KDAIKKKFTG IKHEWQVNGI DDIKDRSTLG EKLGGNVVVS LEGKPL.

