9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

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

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