

---

**Product Data Sheet**

---

Product Name: CFL1 Human  
Cat. No.: GP23133  
Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CFL-1; CFL1; Cofilin1; Cofilin-1; Cofilin; non-muscle isoform; 18 kDa phosphoprotein; p18.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MASGVAVSDG VIKVFNDMKV RKSSTPEEVK KRKKAVLFLCSEDKKNILE EGKEILVGDV GQTVDDPYAT FVKMLPKDC RYALYDATYE TKESKKEDLVFIFWAPESAP LKSKMIYASS KDAIKKLTG IKHELQANCY EEVKDRCTLA EKLGGSAVIS LEGKPL.		
Formulation	The protein solution contains 20mM Tris pH-8 and 10% glycerol.		

**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.

**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.

**Background**

Cofilin1 Human Recombinant (aa 1-166) fused to a 20 aa N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain containing a total of 186 amino acids and having a molecular mass of 20kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA