

Cofilin 1, 1-166 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01678

3th Edition

Synonyms:CFL1, CFL, 18 kDa phosphoprotein(p18)

Description: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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:20kDa (186aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMASGVAVSDGVKVFNDMKVRKSSTPEEVKKRKKAVLFCLSEDKKNIIILEEGKEIL
VGDVGQTVDDPYATFVKMLPDKDCRYALYDATYETKESKKEDLVFIFWAPESAPLKS KMIYASSKDAIKKKLTGIKH
ELQANCYEEVKDRCTLAEKLGGSAVISLEGKPL

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.