Recombinant Mouse Cfl1 Protein, GST-tagged

Cat. No. Cfl1-870M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cfl1(non-muscle isoform) fused with GST tag at the N-terminus was produced in E. coli.
Species	Mouse
Source	E.coli
Description	Cofilin depolymerizes actin filaments and inhibits polymerization of G-actin in a pH-sensitive manner. It is a regulatory protein of cytoskeletal actin dynamics. Cofilin plays a role in the regulation of cell morphology and cytoskeletal organization.
Form	150mM NaCl, 20mM Hepes pH 7.4, 1mM DTT and 5% sucrose, when reconstituted with 1 ml ultrapure water to obtain a 1.0 mg/ml solution.
Molecular Mass	18.5kDa
Purity	Purity: >96% by scanning densitometry from Coomassie G-250 stained SDS-Gels. Purification notes: Cofilin was expressed as a GST-tag fusion protein in E. coli. After purification by GST-Agarose and subsequent GST-tag cleavage, the pure protein was yielded by gel filtration chromatography.
Storage	Cofilin is stored at –70 centigrade upon arrival will be stable in performance for at least 6 months from the date of purchase. The solubilized protein is kept on ice and should be stored at -20 centigrade in glycerol or CryoProtect. Avoid repeated freeze / thaw cycles.

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Shipping	At ambient temperature. Upon delivery store at -70 centigrade.

GENE INFORMATION

Gene Name	Cfl1 cofilin 1, non-muscle [Mus musculus]
Official Symbol	Cfl1
Synonyms	CFL1; cofilin 1, non-muscle; cofilin-1; cofilin, non-muscle isoform; Cof; AA959946;
Gene ID	12631
mRNA Refseq	NM_007687
Protein Refseq	NP_031713

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