

Recombinant Human CFL1 Protein, GST-Tagged

Cat. No. CFL1-1172H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CFL1 full-length ORF (AAH11005, 1 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin 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.[supplied by OMIM, Apr 2004]
Molecular Mass	44 kDa
AA Sequence	MASGVAVSDGVIVFNDMKVRKSSTPEEVKKRKKAVLFCLSEDKKNILEEGKEILVG DVGQTVDDPYATFAKMLPDKDCRYALYDATYETKESKKEDLVFIFWAPESAPLKSK MIYASSKDAIKKKLTGIKHELQANCYEGVKDRCTLAEKLGGSAVISLEGKPL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	CFL1 cofilin 1 (non-muscle) [Homo sapiens]
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Official Symbol	CFL1
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Synonyms	CFL1; cofilin 1 (non-muscle); CFL; cofilin-1; p18; 18 kDa phosphoprotein; cofilin, non-muscle isoform;
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Gene ID	1072
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mRNA Refseq	NM_005507
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Protein Refseq	NP_005498
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MIM	601442
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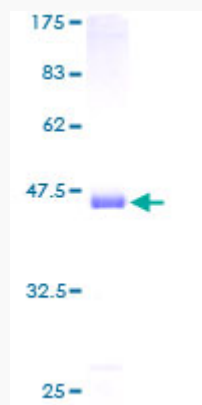
UniProt ID	P23528
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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