

Cofilin-1 (CFL1) Recombinant Protein | CFL1 recombinant protein

Recombinant Human Cofilin-1 (CFL1) Protein

CATALOG # AAA55981	HOST E. coli AA 1-166 (P23528).
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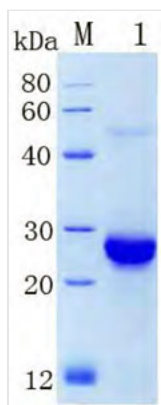
PRODUCT SYNONYMS

Cofilin-1 (CFL1); Recombinant Human Cofilin-1 (CFL1) Protein; CFL1; CFL; HEL-S-15; CFL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli AA 1-166 (P23528).
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, 300 mM Imidazole, pH 7.4, 15% glycerol.
Concentration	1 mg/mL (varies by lot)
Sequence	MASGVAVSDG VIKVFNDMKV RKSSTPEEVK KRKKAVLFCL SEDKKNIILE EGKEILVGDV GQTVDDPYAT FVKMLPKDC RYALYDATYE TKESKKEDLV FIFWAPESAP LKSKMIYASS KDAIKKKLTG IKHELQANCY EEVKDRCTLA EKLGGSAVIS LEGKPL
Sequence Length	166
Species	Human
Source	Human
Protein residue	with N-terminal 6*His Tagged.
Usage	CFL1 Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Storage: Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. **Avoid repeated freeze-thaw cycles.** Stability: The recombinant protein is stable for up to 6 months from date of receipt at -80°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CFL1 recombinant protein	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. CFL1 is a part of the ADF/cofilin family. 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. One group reports that reelin signaling leads to serine3-phosphorylation of cofilin-1, and this interaction may play a role in the reelin-related regulation of neuronal migration.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031635
NCBI GeneID	1072
NCBI Accession #	NP_005498.1
NCBI GenBank Nucleotide #	NM_005507.2
UniProt Accession #	P23528; Q53Y87; Q9UCA2; B3KUQ1
Molecular Weight	Predicted MW: 25 kDa Observed MW: 25 kDa
NCBI Official Full Name	cofilin-1
NCBI Official Synonym Full Names	cofilin 1
NCBI Official Symbol	CFL1
NCBI Official Synonym Symbols	CFL; cofilin; HEL-S-15
NCBI Protein Information	cofilin-1
UniProt Protein Name	Cofilin-1
UniProt Gene Name	CFL1
UniProt Synonym Gene Names	CFL; p18

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.