

Recombinant Human CFL2 Protein, GST-Tagged

Cat. No. CFL2-1174H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CFL2 full-length ORF (NP_068733.1, 1 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an intracellular protein that is involved in the regulation of actin-filament dynamics. This protein is a major component of intranuclear and cytoplasmic actin rods. It can bind G- and F-actin in a 1:1 ratio of cofilin to actin, and it reversibly controls actin polymerization and depolymerization in a pH-dependent manner. Mutations in this gene cause nemaline myopathy type 7, a form of congenital myopathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2009]
Molecular Mass	45.1 kDa
AA Sequence	MASGVTVNDEVIKVFNDMKVRKSSTQEEIKKRKKAVLFCLSDDKRQIIVEEAKQILVG DIGDTVEDPYTSFVKLLPLNDCRYALYDATYETKESKKEDLVFIFWAPESAPLKSKMI YASSKDAIKKKFTGIKHEWQVNGLDDIKDRSTLGEKLGGNVVVSLEGKPL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CFL2 cofilin 2 (muscle) [Homo sapiens]

Official Symbol CFL2

Synonyms CFL2; cofilin 2 (muscle); cofilin-2; cofilin, muscle isoform; NEM7;

Gene ID 1073

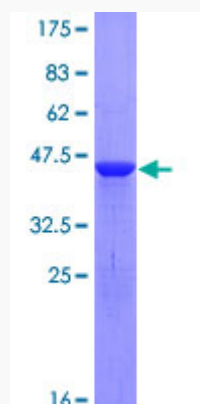
mRNA Refseq NM_001243645

Protein Refseq NP_001230574

MIM 601443

UniProt ID Q9Y281

Quality Control Testing



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12.5% SDS-PAGE Stained with Coomassie Blue.

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