

Product datasheet for TP501352

Cfl2 (NM_007688) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cofilin 2, muscle (Cfl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201352 protein sequence Red=Cloning site Green=Tags(s)
	MASGVTVNDEVIKVFNDMKVRKSSTQEEIKRKKAVLFCLSDDKRQIIVEEAKQILVGDIGDTVEDPYTS FVKLLPLNDCRYALYDATYETKESKKEDLVFIFWAPESAPLKSMMIYASSKDAIKKKFTGIKHEWQVNGL DDIKDRSTLGEKLGGSVWVSLEGKPL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	18.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_031714</u>
Locus ID:	12632
UniProt ID:	<u>P45591</u> , <u>Q3UHW9</u>
RefSeq Size:	2940
Cytogenetics:	12 C1



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RefSeq ORF: 501

Summary: Controls reversibly actin polymerization and depolymerization in a pH-sensitive manner. It has the ability to bind G- and F-actin in a 1:1 ratio of cofilin to actin. It is the major component of intranuclear and cytoplasmic actin rods. Required for muscle maintenance. May play a role during the exchange of alpha-actin forms during the early postnatal remodeling of the sarcomere.[UniProtKB/Swiss-Prot Function]