

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Cofilin1/2 (T88) Peptide

Cat No.: BS2183P

Background

Cofilin is ubiquitously expressed in eukaryotic cells where it binds to Actin, thereby regulating the rapid cycling of Actin assembly and disassembly essential for cellular viability. Cofilin is a low molecular weight protein that binds to filamentous F-Actin by bridging two longitudinally associated Actin subunits changing the F-Actin filament twist. This process is allowed by the dephosphorylation of Cofilin Ser 3 by factors such as opsonized zymosan. Lim kinase 1, a serine kinase, phosphorylates Cofilin and renders it unable to bind and depolymerise F-Actin.

Swiss-Prot

Q9Y281/P23528

Applications

Blocking

Specificity

This peptide can be used with studies using BS2183 Cofilin1/2 (T88) pAb.

Purification & Purity

Synthetic peptide Cofilin1/2 (T88). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.