

Recombinant Human Profilin-2/PFN2 Protein

Cat.NO.: TP04624

3th Edition

Synonyms: Profilin-II; PFN2; Profilin-2; PFL

Description: Profilin-II (PFN2) is ubiquitous protein which belongs to the profilin family. PFN2 binds to actin, then affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, while increases that at low concentrations. PFN2 is a ubiquitous actin monomer-binding protein. It regulates actin polymerization in response to extra cellular signals. PFN2 binds to PIP2; it inhibits the formation of IP3 and DG.

Form: PBS

Molecular Weight: 15.0 kDa

Sequences: Met 1-Phe140

Purity: > 95% by HPLC

Concentration:

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.