

Profilin 1, 1-140 aa, Human, Recombinant, E.coli

Cat.NO.: TP03534

3th Edition

Synonyms:PFN1

Description: Profilin1 is a ubiquitous actin monomer-binding protein belonging to the profilin family. This protein significantly enhances skin wound healing in-vitro and in-vivo that may be mediated by purinergic receptors. It is also active in endothelial cell migration and vessel sprouting. It is thought to regulate actin polymerization in response to extracellular signals.

Form: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

Molecular Weight: 15.0 kDa (140aa)

Sequences:

MAGWNAYIDNLMADGTCQDAAIVGYKDSPSVWAAVPGKTFVNITPAEVGVLVGKDRSSFYVNGTLGGQKCSVIR
DSLLQDGEFSMDLRTKSTGGAPTFNVTVTKTDLVLLMGKEGVHGGLINKKCYEMASHLRRSQY

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

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.