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Profilin-4, 1-129aa, Human, His tag, E.coli

产品货号: TP03535

第三版

别名: Profilin IV, PFN4

描述: Profilin-4, also known as PFN4, is a small actin-binding protein involved in the dynamic turnover and restructuring of the actin cytoskeleton. It is found in all eukaryotic organisms in most cells. Also, this is important for spatially and temporally controlled growth of actin microfilaments, which is an essential process in cellular locomotion and cell shape changes.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

分子量: 16.4 kDa (149aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSHLQSLLDLTLGTKHVDSAALIKIQRSLCVASPGFNVTPSDVRTLNVNGFAKNPLQAR
REGLYFKGKDYRCVRADEYSLYAKNENTGVVVVKTHLYLLVATYTEGMYPICVEATESLGDYLRKKGS

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.