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Recombinant Human TWF1 / PTK9 / Twinfilin-1 Protein (His & GST tag)

产品货号: TP06438

第三版

别名:A6;MGC23788;MGC41876;PTK9

描述: Twinfilin-1, also known as Protein A6, Protein tyrosine kinase 9, TWF1 and PTK9, is a cytoplasm protein which belongs to the actin-binding proteins ADF family and Twinfilin subfamily. Twinfilin-1 (TWF1 / PTK9) is a highly conserved actin monomer-binding protein that regulates cytoskeletal dynamics in organisms from yeast to mammals. In addition to the mammalian twinfilin-1, a second protein with approximately 65% sequence identity to twinfilin-1 exists in mouse and humans. TWF1 / PTK9 is expressed at high levels in the colon, testis, ovary, prostate and lung. It is expressed at lower levels in the brain, bladder and heart. It is not detected in liver. TWF1 / PTK9 is an actin-binding protein involved in motile and morphological processes. It inhibits actin polymerization, likely by sequestering G-actin. By capping the barbed ends of filaments, it also regulates motility. TWF1 / PTK9 seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles.

配方: PBS

分子量: 57 kDa

序列: Met 1-Asp 252

纯度: > 95% by HPLC

浓度:

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.