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ACTN1, 1-249aa, Human, His tag, E.coli

产品货号: TP01049

第三版

别名:BDPLT15

描述:ACTN1 also known as alpha-actinin-1 isoform a. ACTN1 functions as an actin-binding-protein. ACTN1 determines the motility of keratinocytes by regulating the organization of the actin cytoskeleton, focal adhesion, and hemidesmosome proteins complexes, thereby modulating cell speed, lamellipodial dynamics, and directed migration. Recombinant human ACTN1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol

分子量:31.4kDa (274aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSEFMDHYDSQQTNDYMQPEEDWDRDLLDPAWEKQQRKTFTAWCNSHLRKAGT
QIENIEEDFRDGLKMLLLEVISGERLAKPERGKMRVHKISNVNKALDFIASKGVKLVSIGAEEIVDGNVKMTLGMIIWTLIR
FAIQDISVEETSAKEGLLLWCQRKTAPYKNVNIQNFHISWKDGLGFCALIHRRPELIDYGKLRKDDPLTNLNTAFDVAEK
YLDIPKMLDAEDIVGTARPDEKAIMTYVSSFYHAF

纯度:> 95% by HPLC

浓度:1mg/ml (determined by Absorbance at 280nm)

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.