

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

14-3-3 , 1-246aa, Human, His tagged, Recombinant, E.coli

产品货号: TP01009

第三版

**别名:** Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide; YWHA1; YWHAH.

**描述:** The 14-3-3 family of proteins plays a key regulatory role in signal transduction, checkpoint control, apoptotic and nutrient-sensing pathways. 14-3-3 proteins are highly conserved and ubiquitously expressed. There are at least seven isoforms,  $\gamma$ ,  $\delta$ ,  $\epsilon$ ,  $\zeta$ ,  $\eta$ ,  $\theta$ , and  $\iota$  that have been identified in mammals. The 14-3-3 eta, a subtype of the 14-3-3 family of proteins, was found in B cells, brain, cerebrospinal fluid etc. 14-3-3 eta interacts with and relocalizes the A20 zinc finger protein from the insoluble to the soluble fraction, suggesting a chaperone function. Recombinant human 14-3-3 eta, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques.

**配方:** Liquid in 20 mM Tris pH 8.0

**分子量:** 30.3 kDa (266 aa), confirmed by MALDI-TOF

**序列:**

```
MGSSHHHHHSSGLVPRGSHMGDREQLLQRRARLAEQAERYDDMASAMKAVTELNEPLSNEDRNLLSVAYKNVVGARR  
SSWRVISSIEQKTMDAGNEKKLEKVKAYREKIEKELETVCNDVLSLLDKFLIKNCNDFQYESKVFYLMKMGDYRYLAEVA  
SGEKKNSVVEASEAAYKEAFEISKEQMQPHTPIRLGLALNFSVFYIEIQNAPEQAQLLAKQAFDDAIAELDTLNEDSYKDST  
LIMQLLRDNLTLWTSDQQDEEAGEGN
```

**纯度:** > 95% by HPLC

**浓度:** 1 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.