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YWHAB, 1-246aa, Human, His-tag, E.coli

产品货号: TP04524

第三版

别名:14-3-3 protein beta/alpha, GW128, HEL-S-1, HS1, KCIP-1, YWHAA

**描述:**YWHAB, also known as 14-3-3 protein beta/alpha, is 14-3-3 family 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,  $\beta$ ,  $\beta_1$ ,  $\beta_2$ ,  $\beta_3$ ,  $\beta_4$ ,  $\beta_5$  and  $\beta_6$  that have been identified in mammals. The 14-3-3 beta, a subtype of the 14-3-3 proteins, was found in B Cells, brain and liver etc. This 14-3-3 beta has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. Recombinant human YWHAB, 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:**30.6 kDa (270aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSHMTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHLSNEERNLLSVAYKN  
VVGARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLIPNATQPESKVFYLMKMGDYFRYLSEV  
ASGDNKQTTVSNSQQAYQEAFAEISKKEMQPTHPIRLGLALNFSVFYIEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDST  
LIMQLLRDNLTLWTSENQGDEGDAGEGEN

**纯度:**> 95% by HPLC

**浓度:**1 mg/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.