

## 32-3135: YWHAB Recombinant Protein

**Alternative Name** 14-3-3 protein beta/alpha,Protein kinase C inhibitor protein 1,Protein  
: 1054,YWHAB,HS1,GW128,KCIP-1,Tyr-3/Trp- 5 Monooxygenase Activation Protein Beta,14-3-3 Beta.

### Description

Source : Escherichia Coli. YWHAB Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 246 amino acids (1-246) and having a molecular mass of 29 kDa. YWHAB is purified by proprietary chromatographic techniques. YWHAB belongs to the 14-3-3 family of proteins which are in charge for signal transduction by binding to phosphoserine-containing proteins. YWHAB is found in both plants and mammals. YWHAB protein interacts with RAF1 and CDC25 phosphatases,thus linking mitogenic signaling and the cell cycle machinery. YWHAB is an adapter protein involved in the regulation of a large spectrum of both general and specialized signaling pathway. YWHAB binds to a large number of proteins by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner.

### Product Info

**Amount :** 25 µg  
**Purification :** Greater than 90.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.  
**Content :** YWHAB solution containing 20mM Tris pH-8, 1mM EDTA & 50mM NaCl.  
**Storage condition :** YWHAB Human Recombinant although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.  
**Amino Acid :** MTMDKSELVQ KAKLAEQAER YDDMAAAMKA VTEQGHESLN EERNLLSVAY KNVVGARRSS  
WRVISSIEQK TERNEKKQQM GKEYREKIEA ELQDICNDVL ELLDKYLIPN ATQPESKVFY LKMKGDFRY  
LSEVASGDNK QTTVSNSQQA YQEA FEISKK EMQPTHPIRL GLALNFSVFY YEILNSPEKA CSLAKTAFDE  
AIAELDTLNE ESYKDSTLIM QLLRDNLTLW TSENQDGEDG AGEGEN.

