

## 32-13016: YWHAH Human

**Alternative Name :** 14-3-3 ETA, YWHAH, YWHA1, Protein AS1, Tyr-3/Trp-5 Monooxygenase Activation Protein ETA.

### Description

Source: Escherichia Coli.

Sterile filtered colorless solution.

YWHAH belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. 14-3-3 ETA is found in plants and mammals, and there is 99% identity to the mouse, rat and bovine orthologs. YWHAH gene contains a 7 base pair repeat sequence in its 5' UTR, and changes in the number of this repeat has been associated with early-onset schizophrenia. 14-3-3 eta is specific to the site of joint inflammation. 14-3-3 proteins are colocalized with Lewy bodies in Parkinson disease, though there is no specific staining for the 14-3-3 eta subunit. There are 3 different isoforms types of 14-3-3: Beta, Gamma and ETA that are DAL-1/Protein 4.1B-binding proteins.

YWHAH Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 246 amino acids and having a molecular mass of 28.2kDa. The YWHAH is purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 5 µg / 25 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** The YWHAH protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4) 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MGDREQLLQR ARLAEQAERY DDMASAMKAV TELNEPLSNE DRNLLSVAYK NVVGARRSSW RVISSIEQKT  
MADGNEKKLE KVKAYREKIE KELETVCNDV LSLLDKFLIK NCNDFQYESK VFYLMKMGDY YRYLAEVASG  
EKKNSVVEAS EAAYKEAFEI SKEQMOPHTP IRLGLALNFS VFYIEIQNAP EQACLLAKQA FDDAIAELDT  
LNEDSYKDST LIMQLLRDNL TLWTSDDQDE EAGEGN.