

## 32-3139: YWHAH Recombinant Protein

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

### Description

Source : Escherichia Coli. YWHAH Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 266 amino acids and having a molecular mass of 30.3 kDa. YWHAH is fused to an N-Terminal His Tag and purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	YWHAH solution containing 20mM Tris pH-8.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MGDREQLLQR ARLAEQAERY DDMASAMKAV TELNEPLSNE DRNLLSVAYK NVVGARRSSW RVISSIEQKT MADGNEKKLE KV KAYREKIE KELETVCNDV LSLLDKFLIK NCNDFQYESK VFY LKMKGDY YRYLAEVASG EKKNSVVEAS EAAYKEAFEI SKEQM QP THP IRLGLALNFS VFY YEIQNAP EQACLLAKQA FDDAIAELDT LNEDSYKDST LIMQLLRDNL TLWTS DQQDE EAGEGN.

