

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

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	YWHAH solution containing 20mM Tris pH-8.
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 :	MGSSHHHHHH SSGLVPRGSH MGDREQLLQR ARLAEQAERY DDMAAMKAV TELNEPLSNE DRNLLSVAYK NVVGARRSSW RVISSIEQKT MADGNEKKLE KVKAYREKIE KELETVCNDV LSLLDKFLIK NCNDFQYESK VFYLMKMGDY YRYLAEVASG EKKNSVVEAS EAAYKEAFEI SKEQMOPHTP IRLGLALNFS VFYIEIQNAP EQACLLAKQA FDDAIAELDT LNEDSYKDST LIMQLLRDNL TLWTSQQQDE EAGEGN.

