# Human 14-3-3 eta / YWHAH Protein (GST Tag)

**Catalog Number:** **10847-H09E**

## General Information

**Gene Name Synonym:**

YWHA1

**Protein Construction:**

A DNA sequence encoding the human YWHAH (Q04917) (Gly 2-Asn 246) was fused with the GST tag at the N-terminus.

**Source:** Human

**Expression Host:** E. coli

## QC Testing

**Purity:** > 90 % as determined by SDS-PAGE

**Endotoxin:**

Please contact us for more information.

**Stability:**

Samples are stable for up to twelve months from date of receipt at -70 ℃

**Predicted N terminal:** Met

**Molecular Mass:**

The recombinant human YWHAH/GST chimera consists of 476 amino acids and has a predicted molecular mass of 55 kDa as estimated in SDS-PAGE under reducing conditions.

**Formulation:**

Lyophilized from sterile 20mM Tris, 0.15M NaCl, 20mM GST, pH 8.0

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

**Storage:**

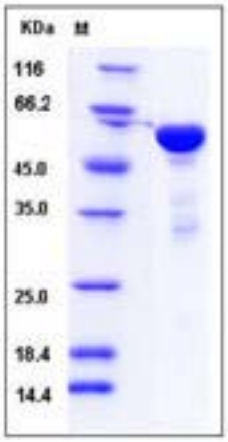
Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

**Reconstitution:**

Detailed reconstitution instructions are sent along with the products.

**SDS-PAGE:**




**References**

1.Wakui H, *et al.* (1997) Interaction of the ligand-activated glucocorticoid receptor with the 14-3-3 eta protein. J Biol Chem. 272(13): 8153-6. 2.Toyooka K, *et al.* (2002) Isolation and structure of the mouse 14-3-3 eta chain gene and the distribution of 14-3-3 eta mRNA in the mouse brain. Brain Res Mol Brain Res. 100(1-2): 13-20. 3.Kim YS, *et al.* (2005) Role of 14-3-3 eta as a positive regulator of the glucocorticoid receptor transcriptional activation. Endocrinology. 146(7): 3133-40.