

# Recombinant Human YWHAZ, GST-tagged

**Cat. No.** YWHAZ-3776H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human YWHAZ protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                      |
| <b>Species</b>          | Human                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-245aa                                                                                                                                                        |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                      |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100,15%glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | YWHAZ tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide [ Homo sapiens ]                                                                                                                                     |
| <b>Official Symbol</b> | YWHAZ                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | YWHAZ; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide; tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein, delta polypeptide , YWHAD; 14-3-3 protein zeta/delta; 14 3 3 delta; 14 3 3 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

zeta; KCIP 1; 14-3-3 zeta; 14-3-3 delta; phospholipase A2; protein kinase C inhibitor protein 1; protein kinase C inhibitor protein-1; 14-3-3 protein/cytosolic phospholipase A2; tyrosine 3/tryptophan 5 -monooxygenase activation protein, zeta polypeptide; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, delta polypeptide; YWHAD; KCIP-1; 14-3-3-zeta; MGC111427; MGC126532; MGC138156;

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 7534                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>         | NM_001135699                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>      | NP_001129171                                                                                                                                                                                                                                                   |
| <b>MIM</b>                 | 601288                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>          | P63104                                                                                                                                                                                                                                                         |
| <b>Chromosome Location</b> | 8q22.3                                                                                                                                                                                                                                                         |
| <b>Pathway</b>             | Adaptive Immune System, organism-specific biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved |
| <b>Function</b>            | protein binding; protein domain specific binding; transcription factor binding;                                                                                                                                                                                |