

## Recombinant Human YWHAE Protein, His-tagged

Cat. No. YWHAE-150H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human YWHAE protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 100% identical to the mouse ortholog. It interacts with CDC25 phosphatases, RAF1 and IRS1 proteins, suggesting its role in diverse biochemical activities related to signal transduction, such as cell division and regulation of insulin sensitivity. It has also been implicated in the pathogenesis of small cell lung cancer. Two transcript variants, one protein-coding and the other non-protein-coding, have been found for this gene. [provided by RefSeq, Aug 2008].</p>
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of 20 mM Phosphate buffer, 150 mM NaCl, pH 7.2. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>Molecular Mass</b>	56 kDa
<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining

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**Concentration** Resuspend the protein to the desired concentration in proper buffer.

## GENE INFORMATION

<b>Gene Name</b>	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein epsilon [ Homo sapiens ]
<b>Official Symbol</b>	YWHAE
<b>Synonyms</b>	14-3-3E; HEL2; KCIP-1; MDCR; MDS
<b>Gene ID</b>	7351
<b>mRNA Refseq</b>	NM_006761.4
<b>Protein Refseq</b>	NP_006752.1
<b>MIM</b>	605066
<b>UniProt ID</b>	P62258

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