

## Recombinant Human YWHAZ protein, T7/His-tagged

Cat. No. YWHAZ-203H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human 14-3-3 zeta cDNA (244aa) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	244 a.a.
<b>Form</b>	0.25 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
<b>AA Sequence</b>	MASMTGGQQMGRGRGHHHHHHENLYFQGGFEDKNELVQKAKLAEQAERYDDMAAC MKSVTEQGAELSNEERNLLSVA YKNVVGARRSSWRVSSIEQKTEGAEKKQQMAR EYREKIETELRDICNDVLSLLEKFLIPNASQAESKVFYLMKM GDYYRYLAEVAAGDDK KGIVDQSQQAYQEAFEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACSLAKTAF D EAIAELDTLSEESYKDSTLIMQLLRDNLTLWTSDTQGDEAEAGEGGEN
<b>Purity</b>	>90% by SDS-PAGE.
<b>Storage</b>	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

### GENE INFORMATION

<b>Gene Name</b>	YWHAZ tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein,
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	zeta polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	YWHAZ
<b>Synonyms</b>	YWHAZ; 14 3 3 delta; 14 3 3 zeta; KCIP 1; 14-3-3 zeta; 14-3-3 delta; phospholipase A2; protein kinase C inhibitor protein 1; 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 biosystem; Class I PI3K signaling events mediated by Akt, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;
<b>Function</b>	protein binding; protein domain specific binding; transcription factor binding;

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