

Recombinant Human YWHAZ protein, T7/His-tagged

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

SPECIFICATION

Product Overview	Recombinant human 14-3-3 zeta cDNA (244aa) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	244 a.a.
Form	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.
AA Sequence	MASMTGGGQMGRGRHHHHHHENLYFQGGEFDKNELVQKAKLAEQAERYDDMAAC MKSVTEQGAELSNEERNLLSVA YKNVVGARRSSWRVSSIEQKTEGAEEKQQMAR EYREKIETELRDICNDVLSLLEKFLIPNASQAESKVFLKMK GDYYRYLAEVAAGDDK KGIVDQSQQAYQEAFAEISKKEMQPTHPIRLGLALNFSVFYYEILNSPEKACSLAKTAF D EAIAELDTLSEESYKDSTLIMQLLRDNLTLWTSDTQGDEAEAGEGGEN
Purity	>90% by SDS-PAGE.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

Gene Name	YWHAZ tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein,
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	zeta polypeptide [Homo sapiens]
Official Symbol	YWHAZ
Synonyms	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;
Gene ID	7534
mRNA Refseq	NM_001135699
Protein Refseq	NP_001129171
MIM	601288
UniProt ID	P63104
Chromosome Location	8q22.3
Pathway	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;
Function	protein binding; protein domain specific binding; transcription factor binding;