

## Recombinant Human YWHAG Protein, His-tagged

Cat. No. YWHAZ-153H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human YWHAG fused with His tag at N-terminal was expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	<p>14-3-3 zeta (also known as tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide) is a member of the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. 14-3-3 zeta protein plays a key role in cancer biology by being an important regulator of major cellular processes such as proliferation, differentiation, senescence and apoptosis. 14-3-3 zeta protein has been shown to interact with the IRS1 protein, suggesting a role for this protein in regulating insulin sensitivity by interrupting the association between the insulin receptor and IRS1.</p>
<b>Form</b>	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol
<b>Molecular Mass</b>	31 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Western Blot

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<b>Stability</b>	1 year at -70 centigrade from date of shipment.
<b>Storage</b>	Store product at -70centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
<b>Concentration</b>	0.2 ug/ml
<b>GENE INFORMATION</b>	
<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 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_003406
<b>Protein Refseq</b>	NP_003397
<b>MIM</b>	601288

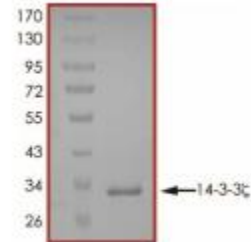
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UniProt ID

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