

Recombinant Human YWHAG Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human YWHAG fused with His tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	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.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol
Molecular Mass	31 kDa
Purity	> 95%
Applications	Western Blot

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Stability	1 year at -70 centigrade from date of shipment.
Storage	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.
Concentration	0.2 ug/ml
GENE INFORMATION	
Gene Name	YWHAZ tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide [Homo sapiens]
Official Symbol	YWHAZ
Synonyms	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;
Gene ID	7534
mRNA Refseq	NM_003406
Protein Refseq	NP_003397
MIM	601288

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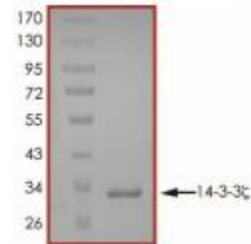
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UniProt ID

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