

Recombinant Mouse Ywhaz Protein, His-tagged

Cat. No. Ywhaz-152M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ywhaz fused with His tag at N-terminal was expressed in Insect cells.
Species	Mouse
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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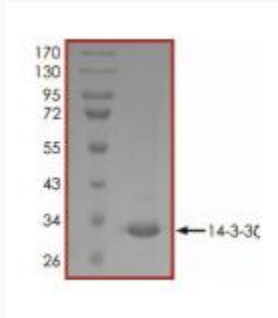
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Stability	1 year at -70 centigrade from date of shipment.
Storage	Store product at -70centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, 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 [<i>Mus musculus</i>]
Official Symbol	Ywhaz
Synonyms	YWHAZ; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide; 14-3-3 protein zeta/delta; SEZ-2; KCIP-1; protein kinase C inhibitor protein 1; AI596267; AL022924; AU020854; 14-3-3zeta; 1110013111Rik;
Gene ID	22631
mRNA Refseq	NM_011740
Protein Refseq	NP_035870
UniProt ID	P63101

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