

Recombinant Mouse Ywhag Protein, His-tagged

Cat. No. Ywhag-151M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ywhag fused with His tag at N-terminal was expressed in Insect cells.
Species	Mouse
Source	Insect Cells
Description	14-3-3 theta (also known as tyrosine 3-monooxygenase /tryptophan 5-monooxygenase activation protein, theta polypeptide) is a member of the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. Through interaction with ASK1, c-jun NH-terminal kinase, and p38 mitogen-activated protein kinase (MAPK), 14-3-3 theta plays an important role in controlling apoptosis. Induced expression of 14-3-3 theta protein has been reported in patients with amyotrophic lateral sclerosis. Additionally, 14-3-3 theta has been observed to mediate nucleo-cytoplasmic shuttling of the N protein (coronavirus nucleocapsid protein) which causes severe acute respiratory syndrome.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol
Molecular Mass	32 kDa
Purity	> 95%
Applications	Western Blot

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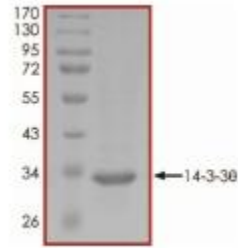
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Stability	1 year at -70 centigrade from date of shipment.
Storage	Store product at -70centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.2 ug/ml
GENE INFORMATION	
Gene Name	Ywhag tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide [<i>Mus musculus</i>]
Official Symbol	Ywhag
Synonyms	YWHAG; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide; 14-3-3 protein gamma; 14-3-3 gamma; 14-3-3 protein gamma subtype; 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide; 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide; 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide; D7Bwg1348e; 14-3-3gamma;
Gene ID	22628
mRNA Refseq	NM_018871
Protein Refseq	NP_061359
UniProt ID	P61982

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