Recombinant Human YWHAG Protein, His-tagged

Cat. No. YWHAG-150H **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 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 apotopsis. 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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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 [Homo sapiens]
Official Symbol	YWHAG
Synonyms	YWHAG; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide; 14-3-3 protein gamma; 14 3 3 gamma; KCIP-1; 14-3-3 gamma; protein kinase C inhibitor protein 1; 14-3-3GAMMA;
Gene ID	7532
mRNA Refseq	NM_012479
Protein Refseq	NP_036611
MIM	605356
UniProt ID	P61981

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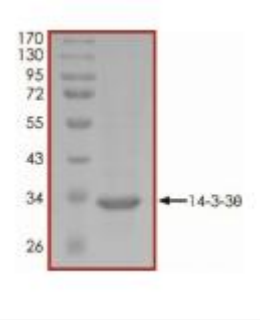

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