

Recombinant Human YWHAB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. YWHAB-1959H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	YWHAB MS Standard C13 and N15-labeled recombinant protein (NP_003395) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein belonging to the 14-3-3 family of proteins, members of which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. Two transcript variants, which encode the same protein, have been identified for this gene.
Molecular Mass	28.1 kDa
AA Sequence	MTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHLSNEERNLLSVAYKNVVG ARRSSWRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLIPNATQ PESKVFYLLKMGDYFRYLSEVASGDNKQTTVSNSQQAYQEAFAFEISKKEMQPTHPIR LGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNEESYKDSTLIMQLLRDNL LWTSENQGDEGDAGEGENTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	YWHAB tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein beta [Homo sapiens (human)]
Official Symbol	YWHAB
Synonyms	YWHAB; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide; tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein, alpha polypeptide, YWHAA; 14-3-3 protein beta/alpha; 14 3 3 alpha; 14 3 3 beta; 14-3-3 alpha; protein 1054; brain protein 14-3-3, beta isoform; protein kinase C inhibitor protein 1; protein kinase C inhibitor protein-1; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, alpha polypeptide; HS1; GW128; YWHAA; KCIP-1;
Gene ID	7529
mRNA Refseq	NM_003404
Protein Refseq	NP_003395
MIM	601289

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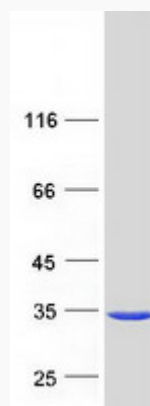
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UniProt ID

P31946

SDS-PAGE

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