Recombinant Full Length Human YWHAB Protein, C-Flag-tagged

Cat. No. YWHAB-1874HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human YWHAB Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	27.9 kDa
AA Sequence	MTMDKSELVQKAKLAEQAERYDDMAAAMKAVTEQGHELSNEERNLLSVAYKNVVG ARRSSWRVISSIEQK TERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLIPNAT QPESKVFYLKMKGDYFRYLSEVASGDNK QTTVSNSQQAYQEAFEISKKEMQPTHPI RLGLALNFSVFYYEILNSPEKACSLAKTAFDEAIAELDTLNE ESYKDSTLIMQLLRDNL TLWTSENQGDEGDAGEGEN TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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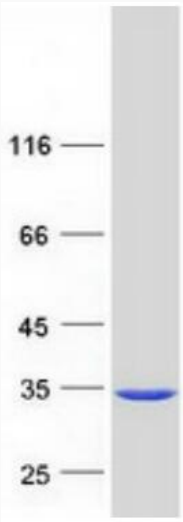
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis
Full Length	Full L.

GENE INFORMATION

Gene Name	YWHAB tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein beta [Homo sapiens (human)]
Official Symbol	YWHAB
Synonyms	HS1; GW128; YWHAA; KCIP-1; HEL-S-1
Gene ID	7529
mRNA Refseq	NM_003404.5

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Protein Refseq	NP_003395.1
MIM	601289
UniProt ID	P31946



Coomassie blue staining of purified YWHAB protein.

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